FORM 3

AMENDED REPORT ☑

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
Monument Butte East State R-36-8-16

2. TYPE OF WORK
DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○

3. FIELD OR WILDCAT
MONUMENT BUTTE

4. TYPE OF WELL
Oil Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME
GMBU (GRRV)

6. NAME OF OPERATOR
NEWFIELD PRODUCTION COMPANY

7. OPERATOR PHONE
435 646-4825

8. ADDRESS OF OPERATOR
Rt 3 Box 3630 , Myton, UT, 84052

9. OPERATOR E-MAIL
mcrozier@newfield.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
ML-22061

11. MINERAL OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ◉ FEE ○

12. SURFACE OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ◉ FEE ○

13. NAME OF SURFACE OWNER (if box 12 = 'fee')

14. SURFACE OWNER PHONE (if box 12 = 'fee')

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ○ (Submit Commingling Application) NO ◉

19. SLANT
VERTICAL ○ DIRECTIONAL ◉ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	842 FSL 2124 FEL	SWSE	36	8.0 S	16.0 E	S
Top of Uppermost Producing Zone	1317 FSL 2612 FWL	SESW	36	8.0 S	16.0 E	S
At Total Depth	1317 FSL 2612 FWL	SESW	36	8.0 S	16.0 E	S

21. COUNTY
DUCHESNE

22. DISTANCE TO NEAREST LEASE LINE (Feet)
1317

23. NUMBER OF ACRES IN DRILLING UNIT
20

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
1408

26. PROPOSED DEPTH
MD: 6308 TVD: 6308

27. ELEVATION - GROUND LEVEL
5355

28. BOND NUMBER
B001834

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
43-7478

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ **WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER**
- ☑ **COMPLETE DRILLING PLAN**
- ☐ **AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)**
- ☐ **FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER**
- ☑ **DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)**
- ☑ **TOPOGRAPHICAL MAP**

NAME	TITLE	PHONE
Mandie Crozier	Regulatory Tech	435 646-4825
SIGNATURE	**DATE** 08/17/2009	**EMAIL** mcrozier@newfield.com

API NUMBER ASSIGNED
43013501140000

APPROVAL

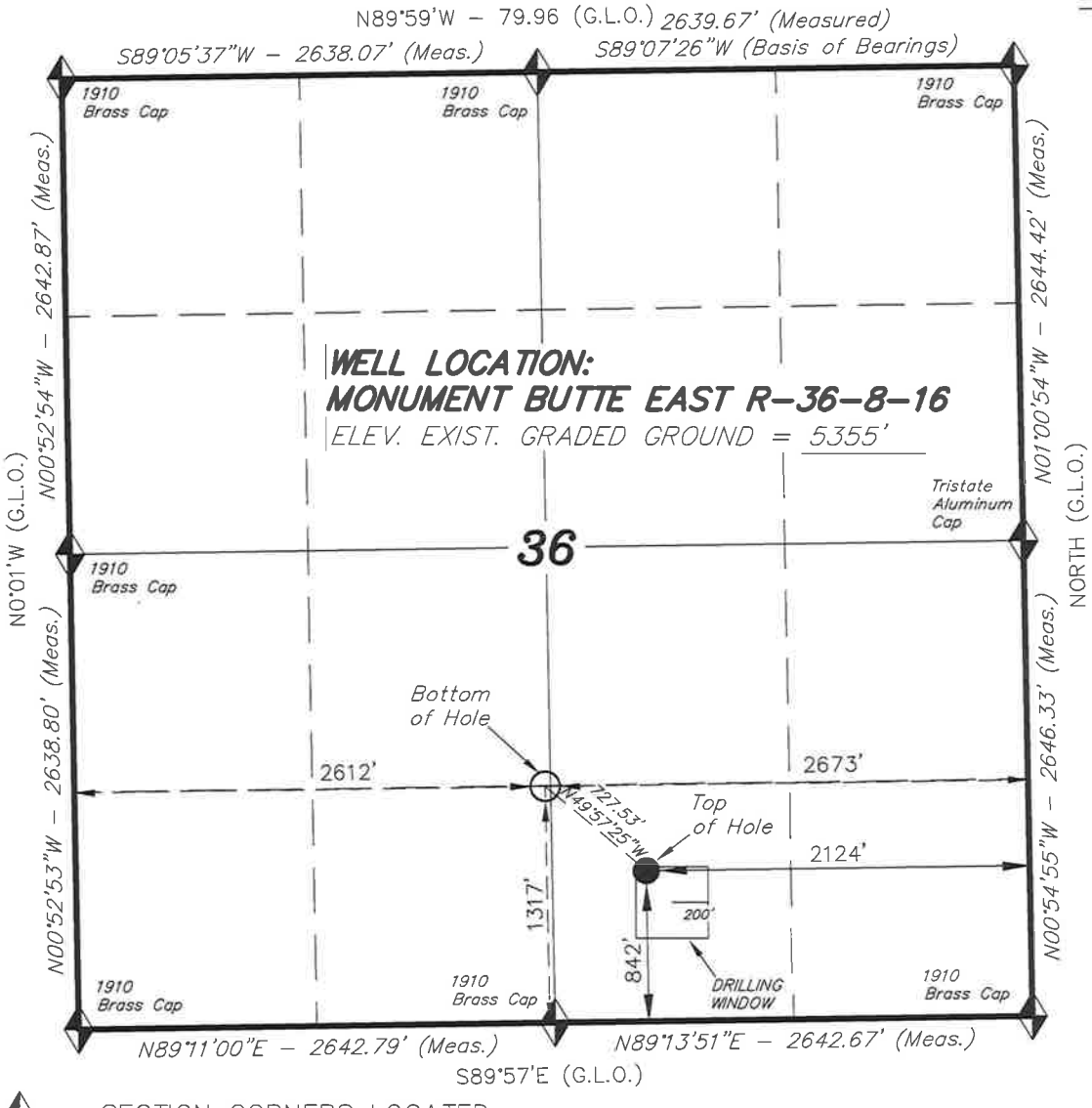
Permit Manager

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Prod	7.875	5.5	0	6308		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 LT&C	6308	15.5			

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Surf	12.25	8.625	0	400		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 ST&C	400	24.0			

T8S, R16E, S.L.B.&M.

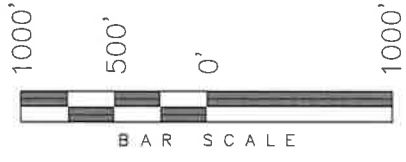
NEWFIELD PRODUCTION COMPANY



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on LOCATION: an N.G.S. OPUS Correction. LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

WELL LOCATION, MONUMENT BUTTE EAST R-36-8-16, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 36, T8S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No. 189377 STATE OF UTAH

STACY W. STEWART

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

MONUMENT BUTTE EAST R-36-8-16
(Surface Location) NAD 83
LATITUDE = 40° 04' 09.95"
LONGITUDE = 110° 03' 57.34"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 6-19-09	SURVEYED BY: T.H.
DATE DRAWN: 6-25-09	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

'APIWellNo:43013501140000'

'APIWellNo:43013501140000'

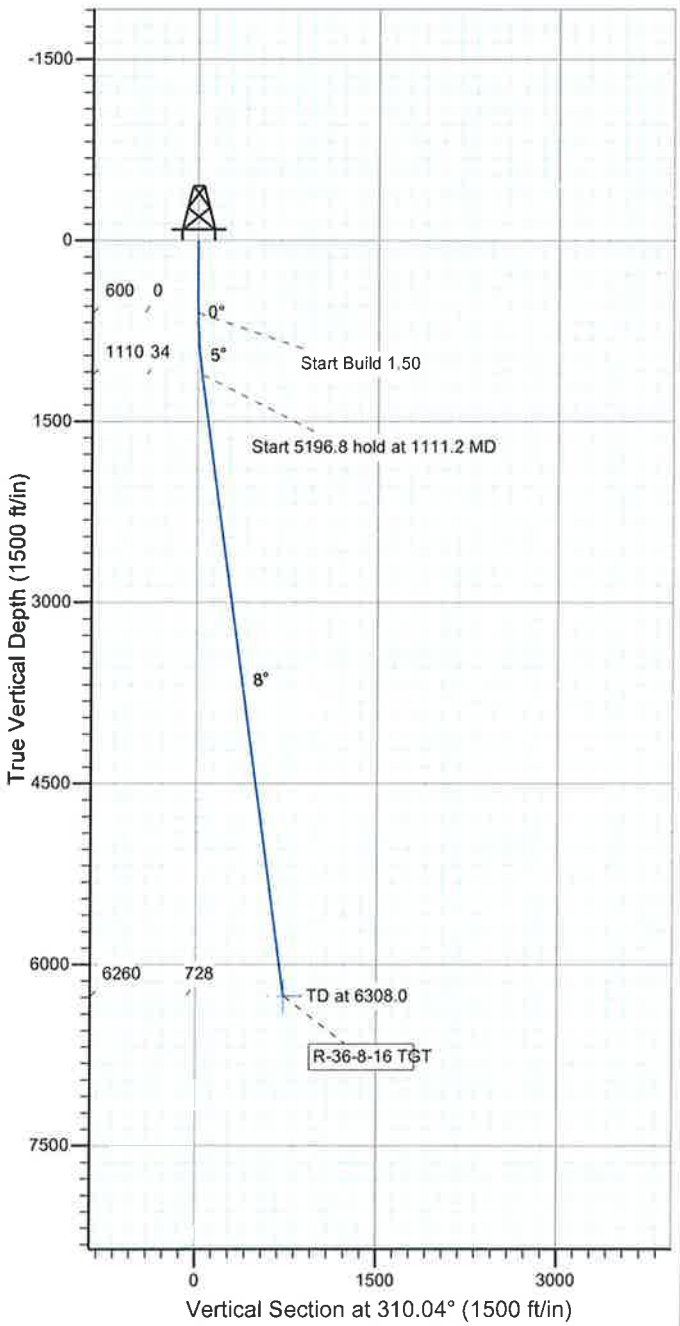
NEWFIELD

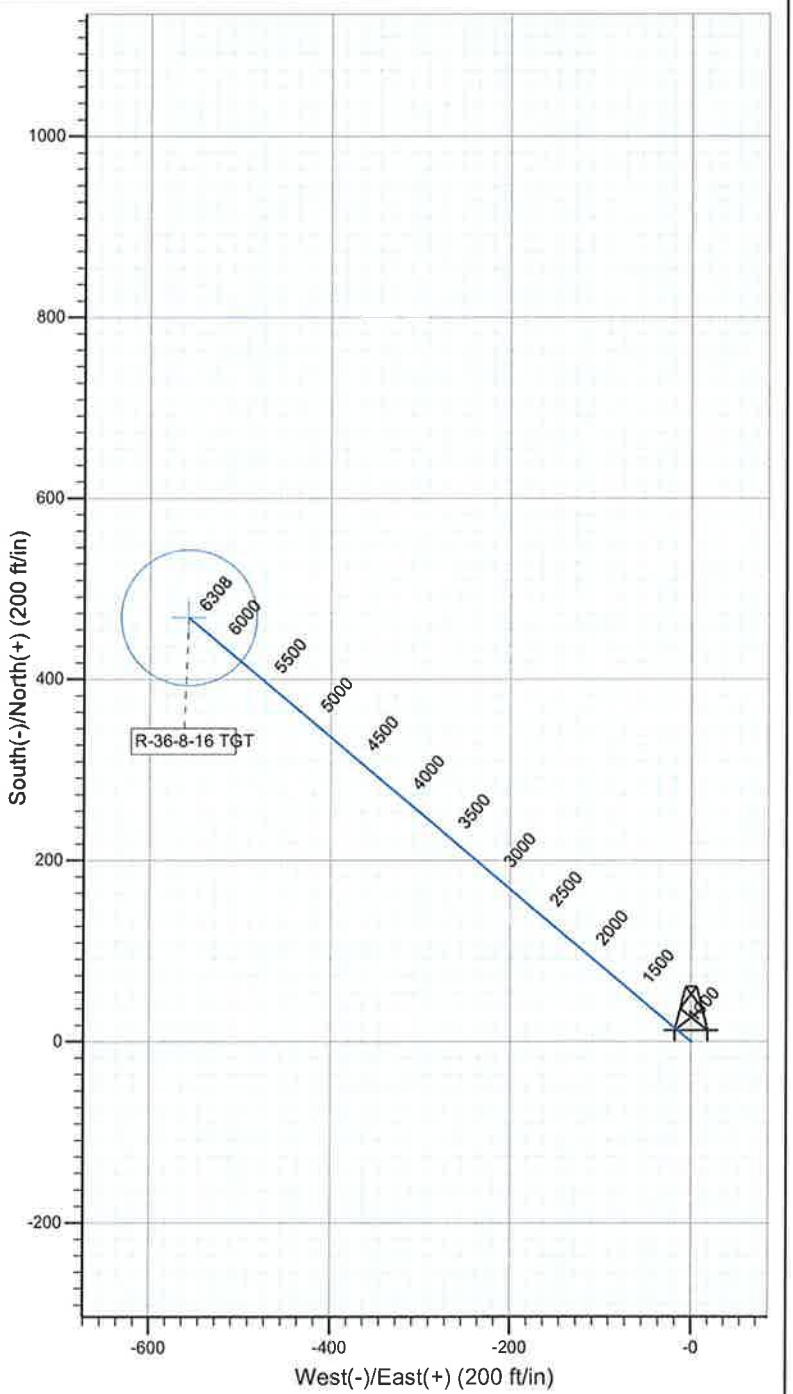
Project: USGS Myton SW (UT)
Site: SECTION 36
Well: R-36-8-16
Wellbore: Wellbore #1
Design: Design #1

Azimuths to True North
Magnetic North: 11.55°

Magnetic Field
Strength: 52503.4snT
Dip Angle: 65.87°
Date: 2009/07/16
Model: IGRF200510

KOP @ 600'
DOGLEG RATE 1.5 DEG/100
TARGET RADIUS IS 75'





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
R-36-8-16 TGT	6260.0	468.0	-557.0	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1111.2	7.67	310.04	1109.6	22.0	-26.1	1.50	310.04	34.2	
4	6308.0	7.67	310.04	6260.0	468.0	-557.0	0.00	0.00	727.5	R-36-8-16 TGT

HATHAWAY HB BURNHAM
DIRECTIONAL & MWD SERVICES

'APIWellNo:43013501140000'

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 36
R-36-8-16

Wellbore #1

Plan: Design #1

Standard Planning Report

16 July, 2009

HATHAWAY HB BURNHAM
DIRECTIONAL & MWD SERVICES

'APIWellNo:43013501140000'

NEWFIELD

HATHAWAY BURNHAM
Planning Report

HATHAWAY BURNHAM DIRECTIONAL & MWD SERVICES

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well R-36-8-16
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	R-36-8-16 @ 5367.0ft
Project:	USGS Myton SW (UT)	**MD Reference:**	R-36-8-16 @ 5367.0ft
Site:	SECTION 36	**North Reference:**	True
Well:	R-36-8-16	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

Site	SECTION 36, SEC 26 T8S, R16E				
Site Position:		**Northing:**	7,202,697.00 ft	**Latitude:**	40° 5' 3.401 N
From:	Lat/Long	**Easting:**	2,045,250.00 ft	**Longitude:**	110° 3' 10.915 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.93 °

Well	R-36-8-16, SHL LAT: 40 04 09.95, LONG: -110 03 57.34					
Well Position	**+N/-S**	-5,409.1 ft	**Northing:**	7,197,231.22 ft	**Latitude:**	40° 4' 9.950 N
	+E/-W	-3,608.5 ft	**Easting:**	2,041,728.99 ft	**Longitude:**	110° 3' 57.340 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,337.0 ft

Wellbore	Wellbore #1				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	2009/07/16	11.55	65.87	52,503

Design	Design #1				
Audit Notes:					
Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**	
	6,260.0	0.0	0.0	310.04	

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,111.2	7.67	310.04	1,109.6	22.0	-26.1	1.50	1.50	0.00	310.04	
6,308.0	7.67	310.04	6,260.0	468.0	-557.0	0.00	0.00	0.00	0.00	R-36-8-16 TGT

'APIWellNo:43013501140000'

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well R-36-8-16
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	R-36-8-16 @ 5367.0ft
Project:	USGS Myton SW (UT)	**MD Reference:**	R-36-8-16 @ 5367.0ft
Site:	SECTION 36	**North Reference:**	True
Well:	R-36-8-16	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	310.04	700.0	0.8	-1.0	1.3	1.50	1.50	0.00
800.0	3.00	310.04	799.9	3.4	-4.0	5.2	1.50	1.50	0.00
900.0	4.50	310.04	899.7	7.6	-9.0	11.8	1.50	1.50	0.00
1,000.0	6.00	310.04	999.3	13.5	-16.0	20.9	1.50	1.50	0.00
1,100.0	7.50	310.04	1,098.6	21.0	-25.0	32.7	1.50	1.50	0.00
1,111.2	7.67	310.04	1,109.6	22.0	-26.1	34.2	1.50	1.50	0.00
1,200.0	7.67	310.04	1,197.7	29.6	-35.2	46.0	0.00	0.00	0.00
1,300.0	7.67	310.04	1,296.8	38.2	-45.4	59.3	0.00	0.00	0.00
1,400.0	7.67	310.04	1,395.9	46.8	-55.7	72.7	0.00	0.00	0.00
1,500.0	7.67	310.04	1,495.0	55.3	-65.9	86.0	0.00	0.00	0.00
1,600.0	7.67	310.04	1,594.1	63.9	-76.1	99.4	0.00	0.00	0.00
1,700.0	7.67	310.04	1,693.2	72.5	-86.3	112.7	0.00	0.00	0.00
1,800.0	7.67	310.04	1,792.3	81.1	-96.5	126.1	0.00	0.00	0.00
1,900.0	7.67	310.04	1,891.4	89.7	-106.7	139.4	0.00	0.00	0.00
2,000.0	7.67	310.04	1,990.5	98.3	-116.9	152.7	0.00	0.00	0.00
2,100.0	7.67	310.04	2,089.6	106.8	-127.2	166.1	0.00	0.00	0.00
2,200.0	7.67	310.04	2,188.7	115.4	-137.4	179.4	0.00	0.00	0.00
2,300.0	7.67	310.04	2,287.8	124.0	-147.6	192.8	0.00	0.00	0.00
2,400.0	7.67	310.04	2,387.0	132.6	-157.8	206.1	0.00	0.00	0.00
2,500.0	7.67	310.04	2,486.1	141.2	-168.0	219.5	0.00	0.00	0.00
2,600.0	7.67	310.04	2,585.2	149.8	-178.2	232.8	0.00	0.00	0.00
2,700.0	7.67	310.04	2,684.3	158.3	-188.4	246.1	0.00	0.00	0.00
2,800.0	7.67	310.04	2,783.4	166.9	-198.7	259.5	0.00	0.00	0.00
2,900.0	7.67	310.04	2,882.5	175.5	-208.9	272.8	0.00	0.00	0.00
3,000.0	7.67	310.04	2,981.6	184.1	-219.1	286.2	0.00	0.00	0.00
3,100.0	7.67	310.04	3,080.7	192.7	-229.3	299.5	0.00	0.00	0.00
3,200.0	7.67	310.04	3,179.8	201.3	-239.5	312.9	0.00	0.00	0.00
3,300.0	7.67	310.04	3,278.9	209.8	-249.7	326.2	0.00	0.00	0.00
3,400.0	7.67	310.04	3,378.0	218.4	-259.9	339.5	0.00	0.00	0.00
3,500.0	7.67	310.04	3,477.1	227.0	-270.2	352.9	0.00	0.00	0.00
3,600.0	7.67	310.04	3,576.2	235.6	-280.4	366.2	0.00	0.00	0.00
3,700.0	7.67	310.04	3,675.3	244.2	-290.6	379.6	0.00	0.00	0.00
3,800.0	7.67	310.04	3,774.4	252.8	-300.8	392.9	0.00	0.00	0.00
3,900.0	7.67	310.04	3,873.5	261.4	-311.0	406.2	0.00	0.00	0.00
4,000.0	7.67	310.04	3,972.6	269.9	-321.2	419.6	0.00	0.00	0.00
4,100.0	7.67	310.04	4,071.8	278.5	-331.5	432.9	0.00	0.00	0.00
4,200.0	7.67	310.04	4,170.9	287.1	-341.7	446.3	0.00	0.00	0.00
4,300.0	7.67	310.04	4,270.0	295.7	-351.9	459.6	0.00	0.00	0.00
4,400.0	7.67	310.04	4,369.1	304.3	-362.1	473.0	0.00	0.00	0.00
4,500.0	7.67	310.04	4,468.2	312.9	-372.3	486.3	0.00	0.00	0.00
4,600.0	7.67	310.04	4,567.3	321.4	-382.5	499.6	0.00	0.00	0.00
4,700.0	7.67	310.04	4,666.4	330.0	-392.7	513.0	0.00	0.00	0.00
4,800.0	7.67	310.04	4,765.5	338.6	-403.0	526.3	0.00	0.00	0.00
4,900.0	7.67	310.04	4,864.6	347.2	-413.2	539.7	0.00	0.00	0.00
5,000.0	7.67	310.04	4,963.7	355.8	-423.4	553.0	0.00	0.00	0.00
5,100.0	7.67	310.04	5,062.8	364.4	-433.6	566.4	0.00	0.00	0.00
5,200.0	7.67	310.04	5,161.9	372.9	-443.8	579.7	0.00	0.00	0.00

'APIWellNo:43013501140000'

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well R-36-8-16
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	R-36-8-16 @ 5367.0ft
Project:	USGS Myton SW (UT)	**MD Reference:**	R-36-8-16 @ 5367.0ft
Site:	SECTION 36	**North Reference:**	True
Well:	R-36-8-16	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.0	7.67	310.04	5,261.0	381.5	-454.0	593.0	0.00	0.00	0.00
5,400.0	7.67	310.04	5,360.1	390.1	-464.2	606.4	0.00	0.00	0.00
5,500.0	7.67	310.04	5,459.2	398.7	-474.5	619.7	0.00	0.00	0.00
5,600.0	7.67	310.04	5,558.3	407.3	-484.7	633.1	0.00	0.00	0.00
5,700.0	7.67	310.04	5,657.4	415.9	-494.9	646.4	0.00	0.00	0.00
5,800.0	7.67	310.04	5,756.6	424.4	-505.1	659.8	0.00	0.00	0.00
5,900.0	7.67	310.04	5,855.7	433.0	-515.3	673.1	0.00	0.00	0.00
6,000.0	7.67	310.04	5,954.8	441.6	-525.5	686.4	0.00	0.00	0.00
6,100.0	7.67	310.04	6,053.9	450.2	-535.7	699.8	0.00	0.00	0.00
6,200.0	7.67	310.04	6,153.0	458.8	-546.0	713.1	0.00	0.00	0.00
6,308.0	7.67	310.04	6,260.0	468.0	-557.0	727.5	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
R-36-8-16 TGT - plan hits target - Circle (radius 75.0)	0.00	0.00	6,260.0	468.0	-557.0	7,197,690.23	2,041,164.62	40° 4' 14.575 N	110° 4' 4.505 W

NEWFIELD PRODUCTION COMPANY
MONUMENT BUTTE EAST STATE R-36-8-16
AT SURFACE: SW/SE SECTION 36, T8S, R16E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0 – 1570'
Green River	1570'
Wasatch	6308'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1570' – 6308' – Oil

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO_3) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM:**

a. Casing Design: Monument Butte East State R-36-8-16

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	400'	24.0	J-55	STC	2,950 13.15	1,370 10.77	244,000 25.42
Prod casing 5-1/2"	0'	6,308'	15.5	J-55	LTC	4,810 2.40	4,040 2.01	217,000 2.22

Assumptions:
1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
2) Prod casing MASP (production mode) = Pore pressure – gas gradient
3) All collapse calculations assume fully evacuated casing w/ gas gradient
4) All tension calculations assume air weight

Frac gradient at surface casing shoe =	13.0 ppg
Pore pressure at surface casing shoe =	8.33 ppg
Pore pressure at prod casing shoe =	8.33 ppg
Gas gradient =	0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: Monument Butte East State R-36-8-16

Job	Fill	Description	Sacks ft^3	OH Excess*	Weight (ppg)	Yield (ft^3/sk)
Surface casing	400'	Class G w/ 2% CaCl	183 215	30%	15.8	1.17
Prod casing Lead	4,308'	Prem Lite II w/ 10% gel + 3% KCl	298 970	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours.

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ±350 feet will be drilled with an air/mist system. From about 350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 400' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the fourth quarter of 2009, and take approximately seven (7) days from spud to rig release.

2-M SYSTEM

Blowout Prevention Equipment Systems

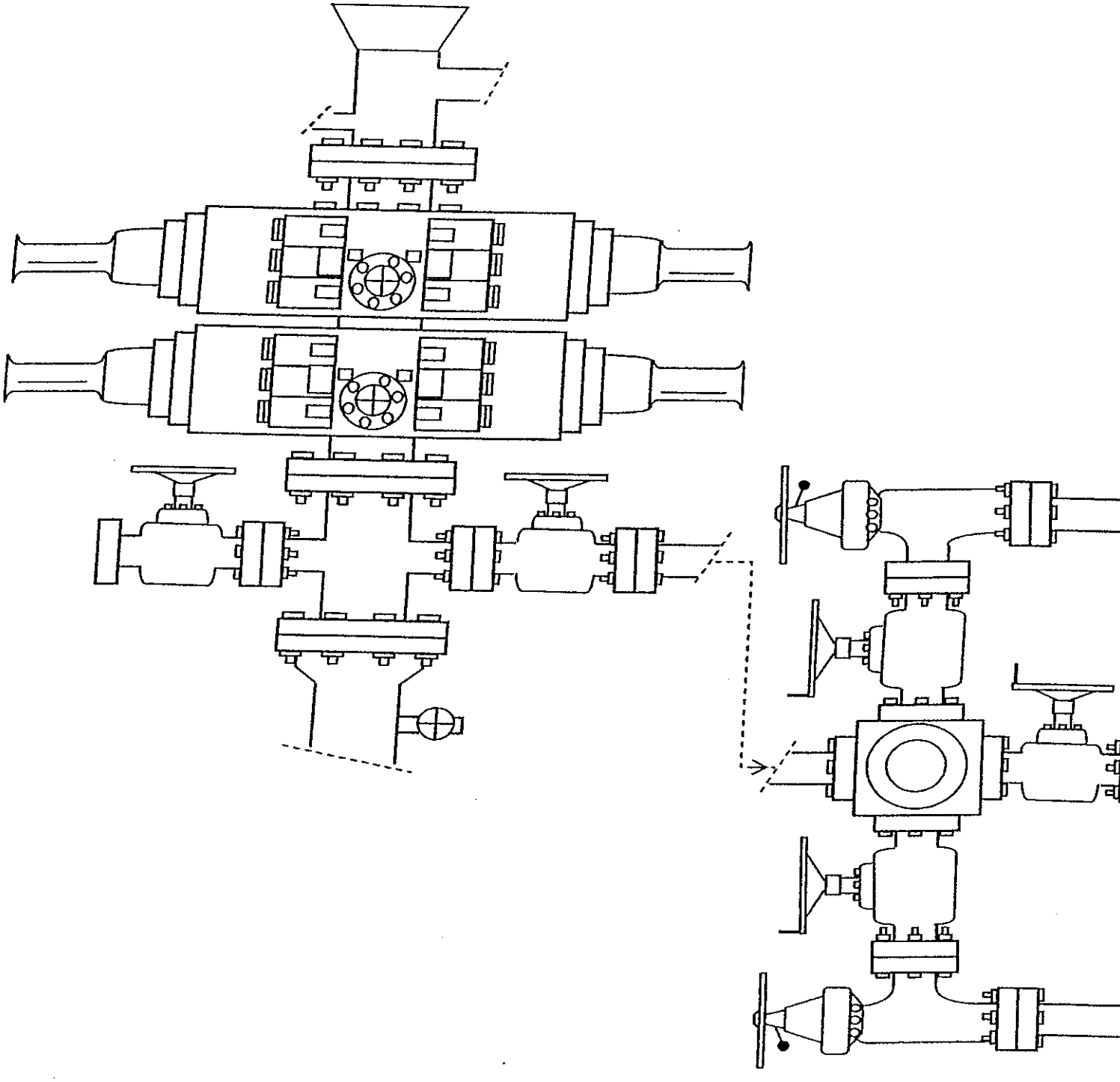
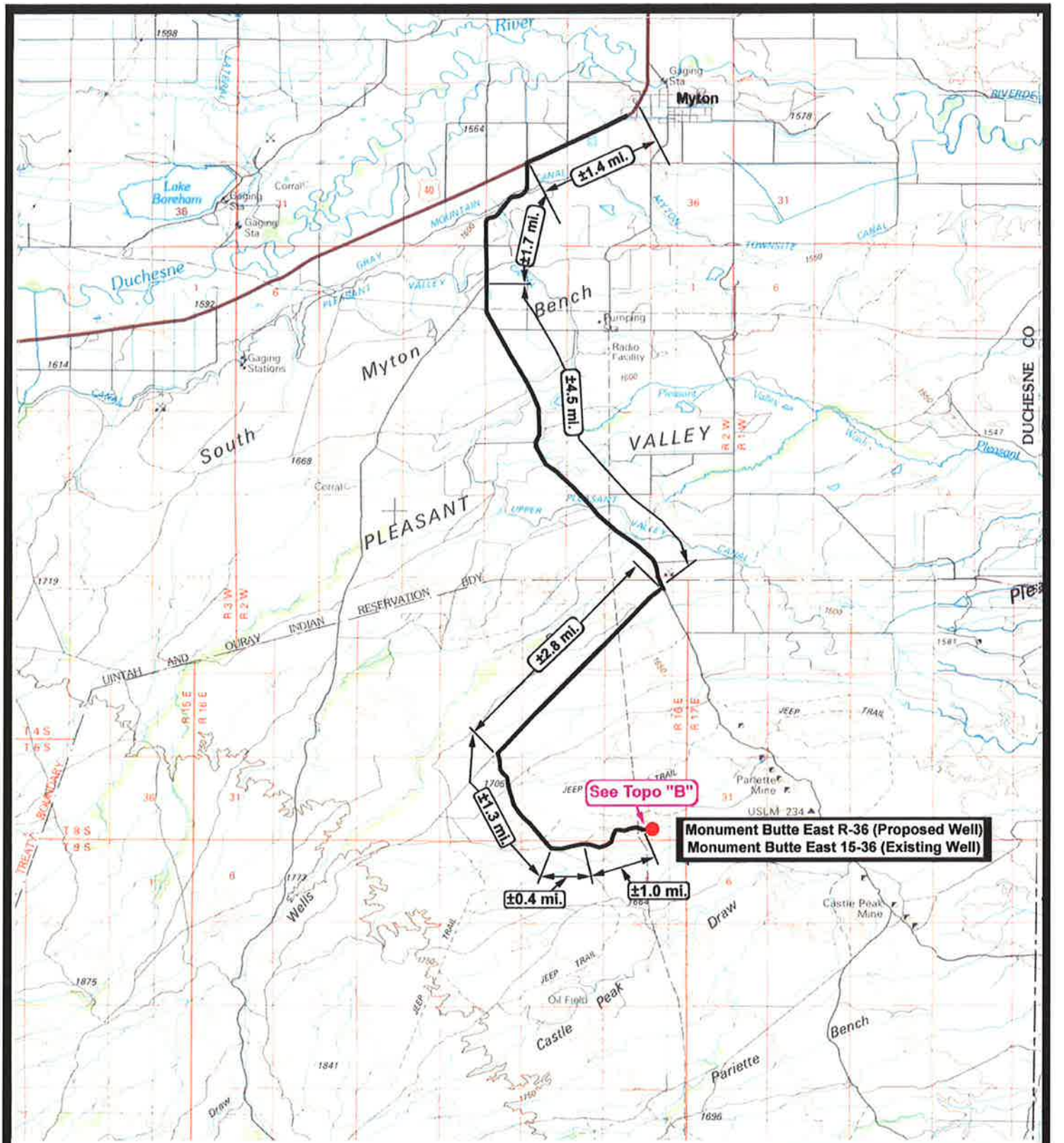


EXHIBIT C

’APIWellNo:43013501140000’



NEWFIELD
Exploration Company

Monument Butte East R-36-8-16 (Proposed Well)
Monument Butte East 15-36-8-16 (Existing Well)
Pad Location: SWSE SEC. 36, T8S, R16E, S.L.B.&M.

N

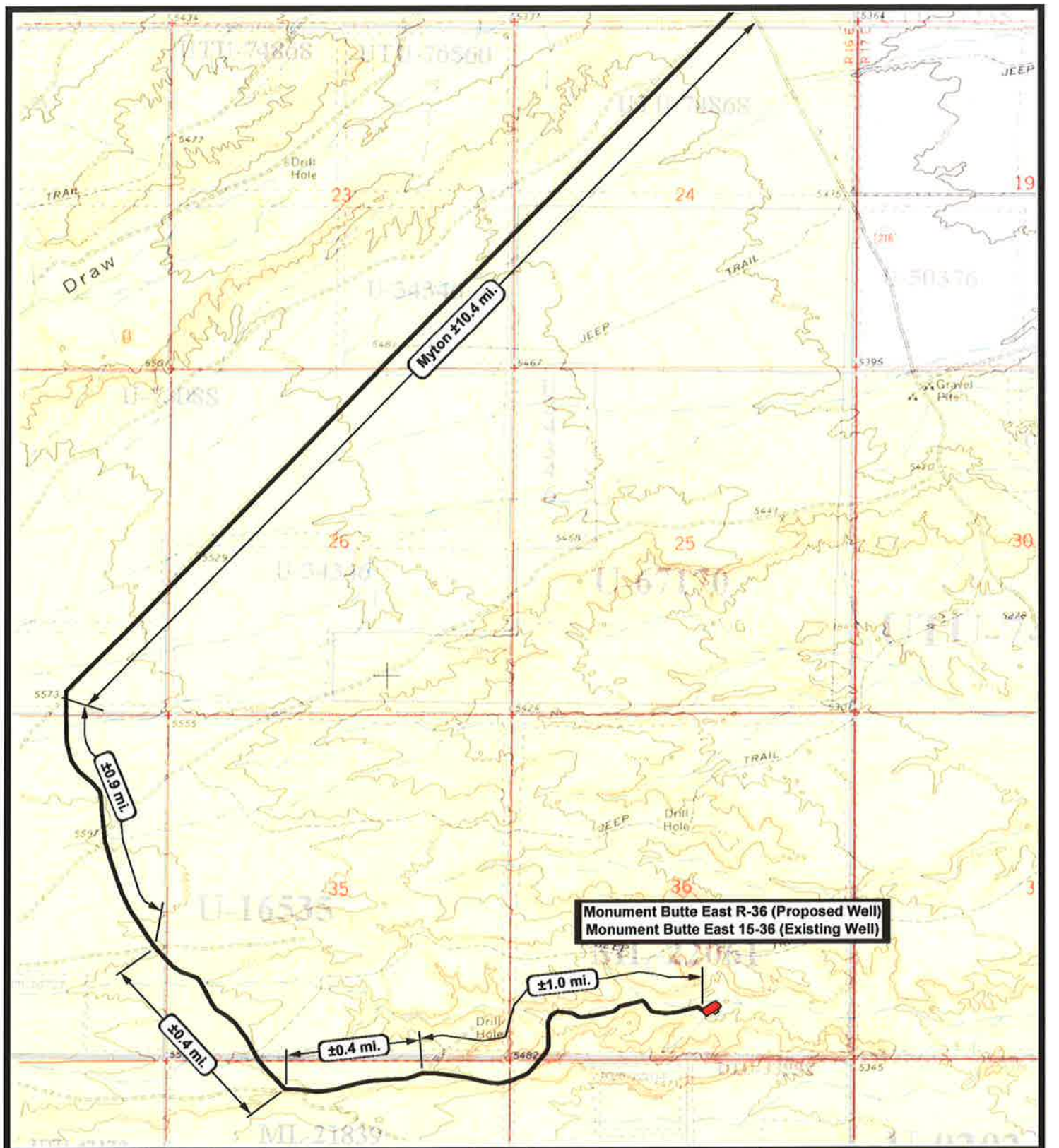
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 07-02-2009

Legend
Existing Road

TOPOGRAPHIC MAP
"A"

'APIWellNo:43013501140000'



NEWFIELD Exploration Company

Monument Butte East R-36-8-16 (Proposed Well)
Monument Butte East 15-36-8-16 (Existing Well)
Pad Location: SWSE SEC. 36, T8S, R16E, S.L.B.&M.

N

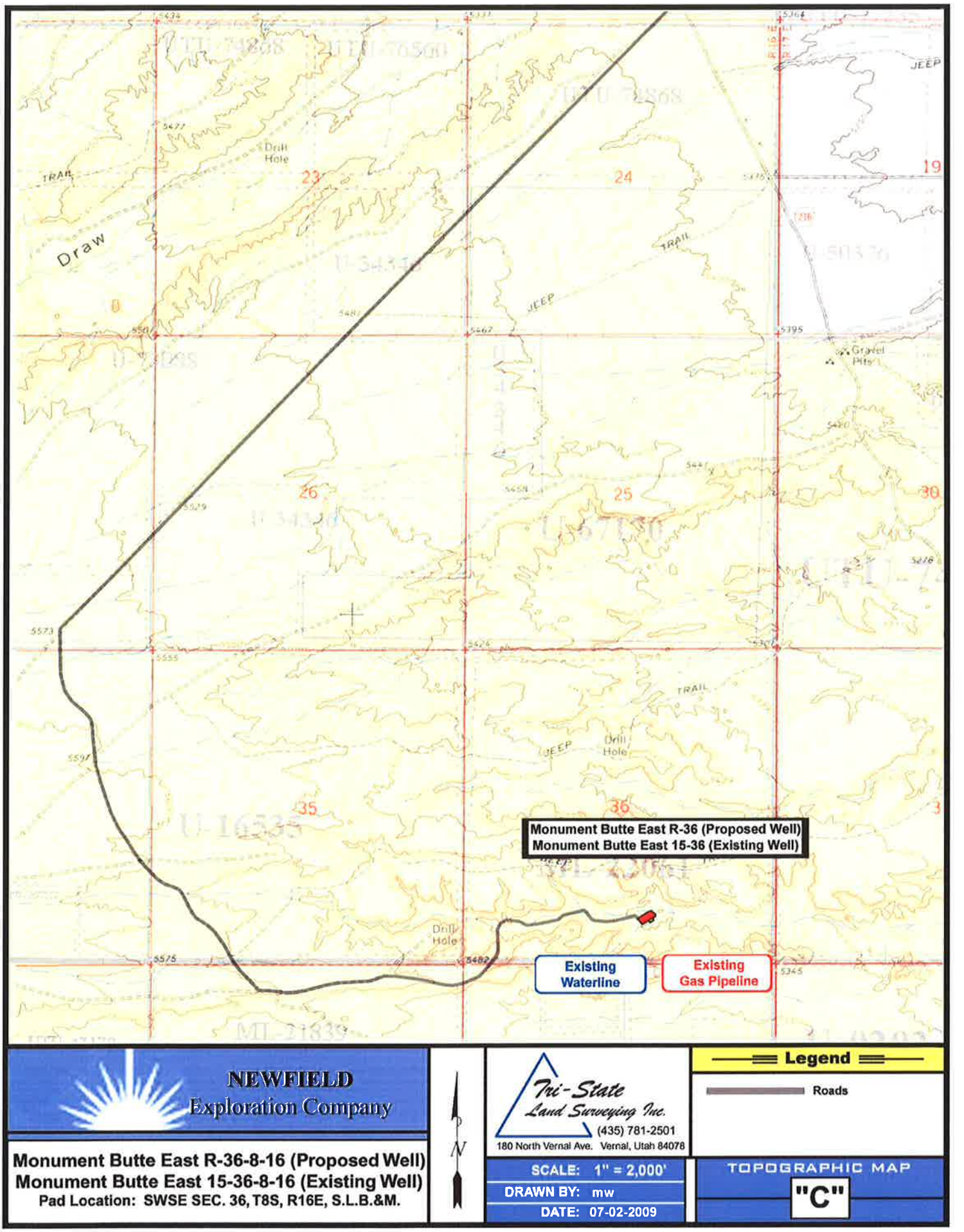
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

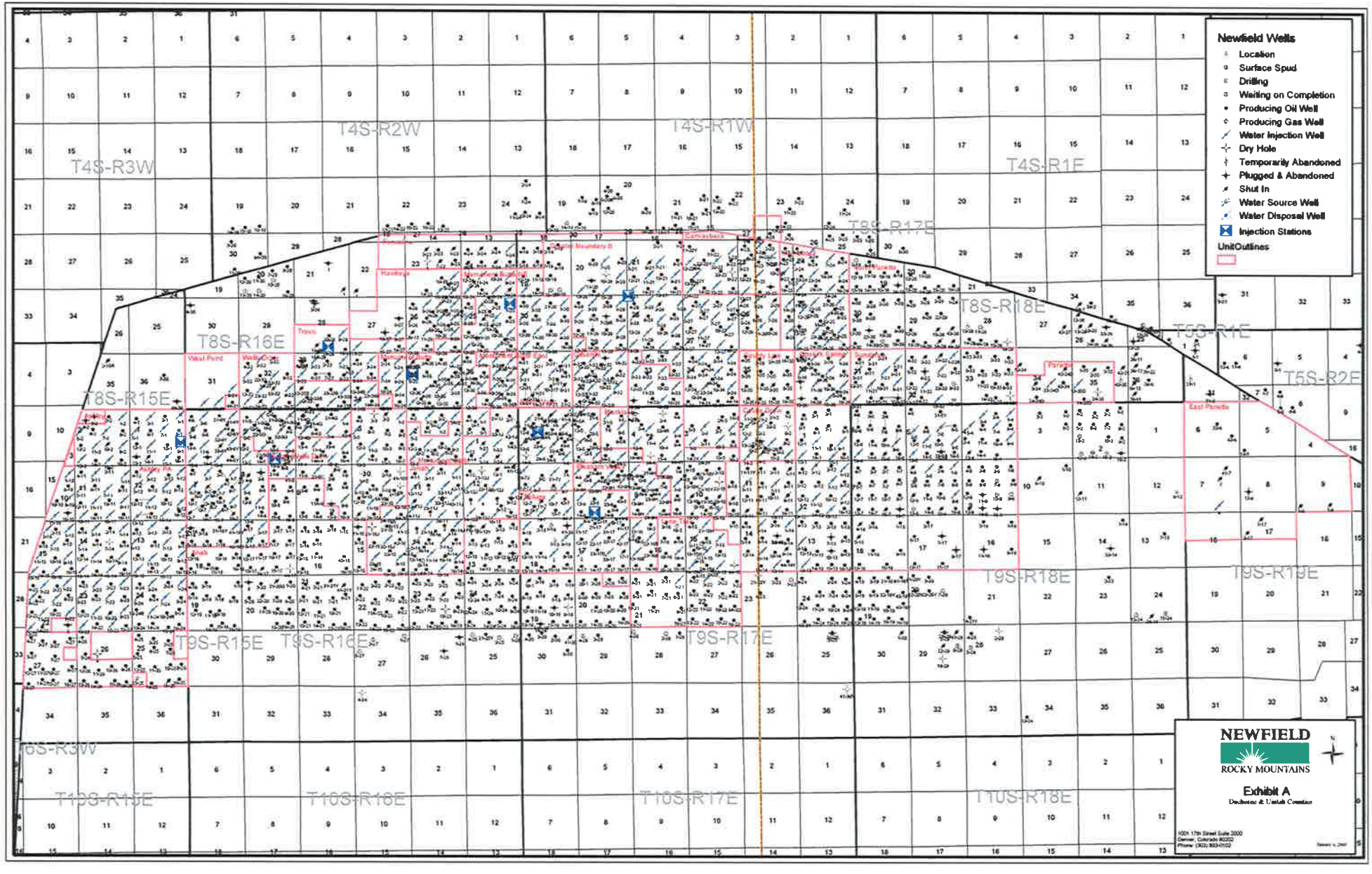
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 07-02-2009

Legend
Existing Road

TOPOGRAPHIC MAP
"B"

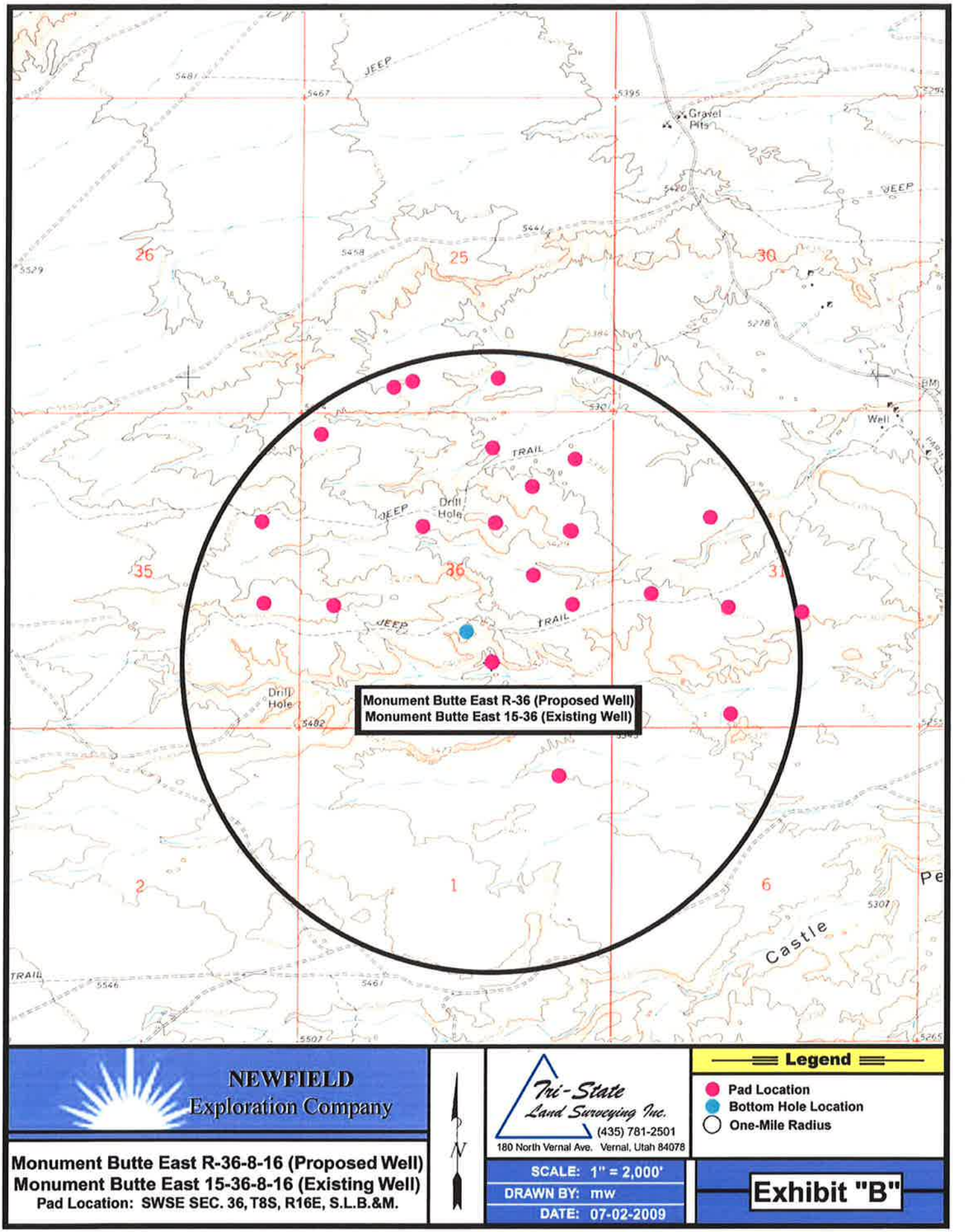
’APIWellNo:43013501140000’





'APIWellNo:43013501140000'

'APIWellNo:43013501140000'



NEWFIELD PRODUCTION COMPANY
MONUMENT BUTTE EAST STATE R-36-8-16
AT SURFACE: SW/SE SECTION 36, T8S, R16E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. **EXISTING ROADS**

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site Monument Butte East State R-36-8-16 located in the SW ¼ SE ¼ Section 36, T8S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 – 6.2 miles ± to it's junction with an existing road to the southwest; proceed southwesterly – 2.8 miles ± to it's junction with an existing road to the southeast; proceed southeasterly – 1.3 miles ± to it's junction with an existing road to the east; proceed northeasterly – 1.4 miles ± to the existing 15-36-8-16 well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. **PLANNED ACCESS ROAD**

The is no proposed access road for this location. The proposed well will be drilled off of the existing 15-36-8-16 well pad. See attached **Topographic Map "B"**.

There will be no new gates or cattle guards required.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

The proposed well will be drilled directionally off of the existing 15-36-8-16 well pad. There will be a pumping unit and a short flow line added to the existing tank battery for the proposed R-36-8-16.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Carlsbad Canyon. All facilities will be painted within six months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

The proposed Monument Butte East State R-36-8-16 will be drilled off of the existing 15-36-8-16 well pad. No additional surface disturbance will be required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the

produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.

b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times

d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** State of Utah

12. **OTHER ADDITIONAL INFORMATION:**

a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Monument Butte East State R-36-8-16, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Monument Butte East State R-36-8-16 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:**

Representative

'APIWellNo:43013501140000'

Name: Tim Eaton
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #R-36-8-16, SW/SE Section 36, T8S, R16E, LEASE #ML-22061, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

8/17/09
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

'APIWellNo:43013501140000'

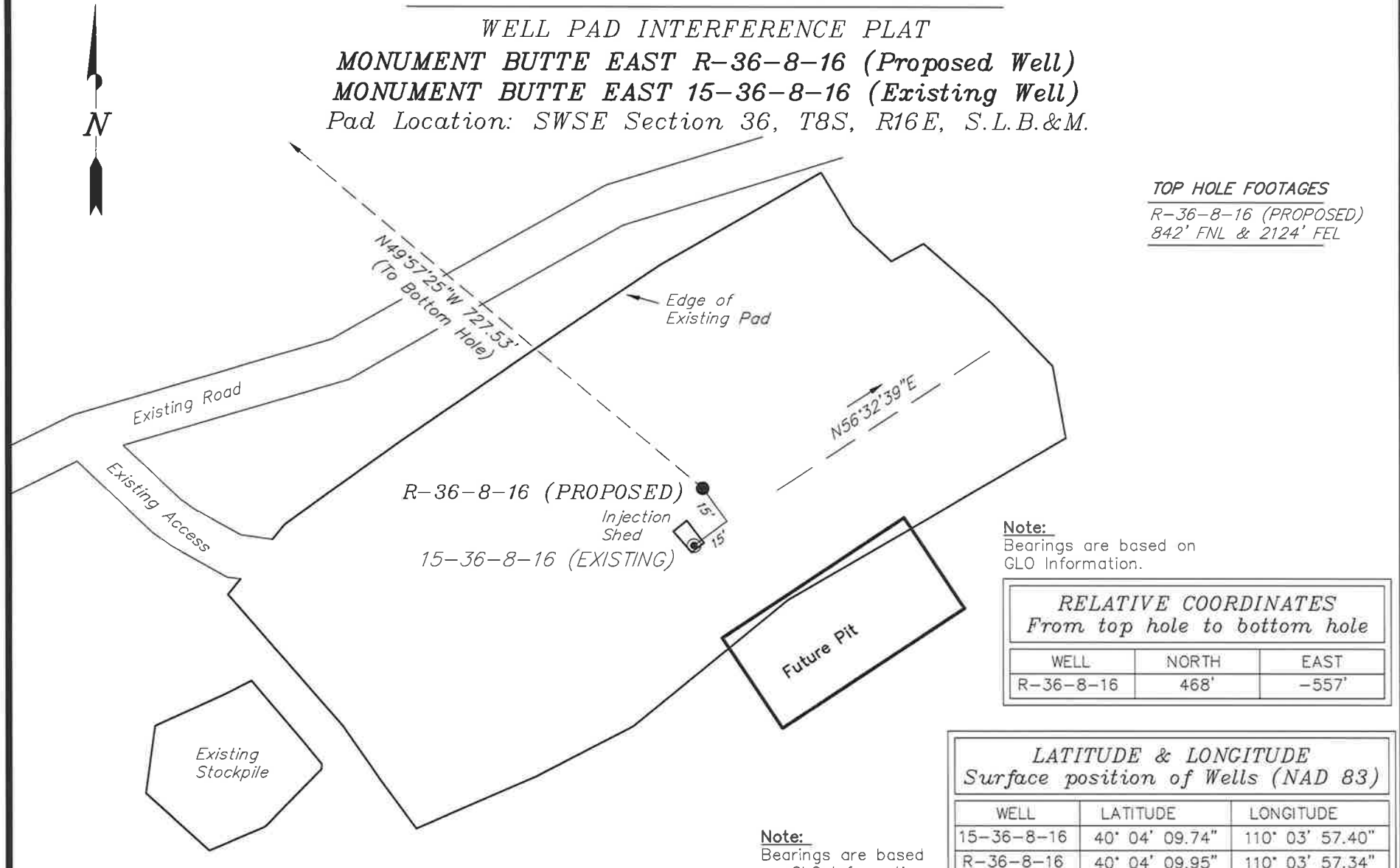
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

MONUMENT BUTTE EAST R-36-8-16 (Proposed Well)

MONUMENT BUTTE EAST 15-36-8-16 (Existing Well)

Pad Location: SWSE Section 36, T8S, R16E, S.L.B.&M.



TOP HOLE FOOTAGES

R-36-8-16 (PROPOSED)
842' FNL & 2124' FEL

Note:
Bearings are based on GLO Information.

RELATIVE COORDINATES
From top hole to bottom hole

WELL	NORTH	EAST
R-36-8-16	468'	-557'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
15-36-8-16	40° 04' 09.74"	110° 03' 57.40"
R-36-8-16	40° 04' 09.95"	110° 03' 57.34"

Note:
Bearings are based on GLO Information.

BOTTOM HOLE FOOTAGES

R-36-8-16 (PROPOSED)
1317' FSL & 2673' FEL

SURVEYED BY:	T.H.	DATE SURVEYED:	06-19-09
DRAWN BY:	M.W.	DATE DRAWN:	06-25-09
SCALE:	1" = 50'	REVISED:	

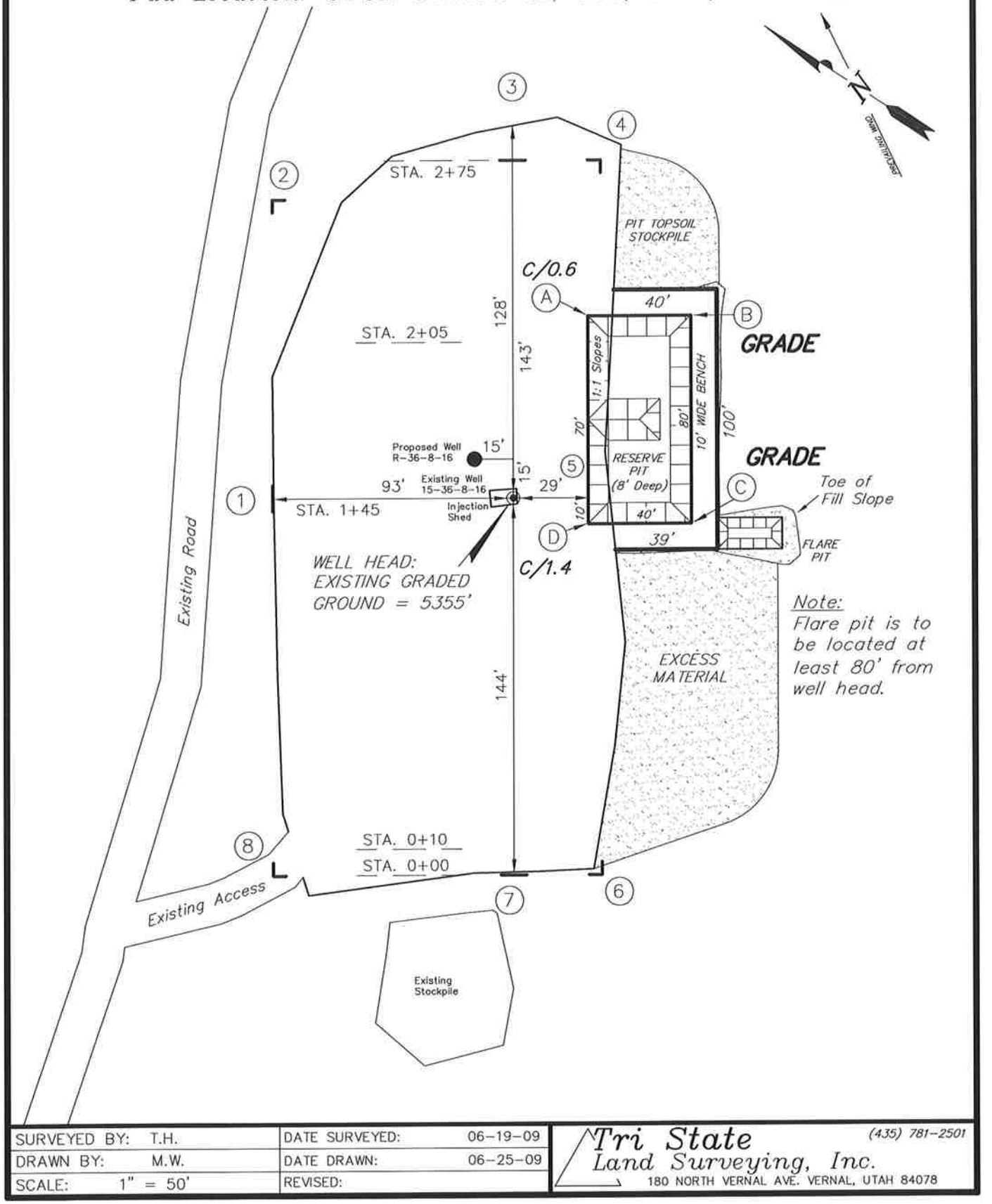
Tri State Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

'APIWellNo:43013501140000'

NEWFIELD PRODUCTION COMPANY

MONUMENT BUTTE EAST R-36-8-16 (Proposed Well)
MONUMENT BUTTE EAST 15-36-8-16 (Existing Well)

Pad Location: SWSE Section 36, T8S, R16E, S.L.B.&M.



SURVEYED BY: T.H.	DATE SURVEYED: 06-19-09	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 06-25-09	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	
SCALE: 1" = 50'	REVISED:		

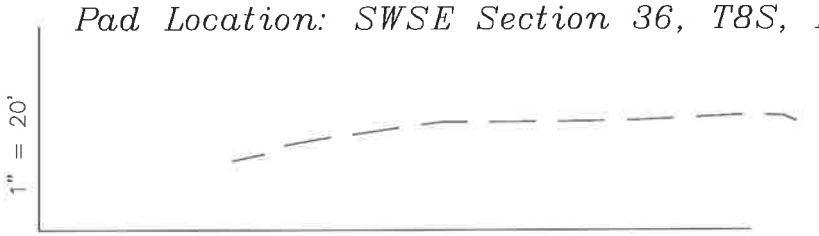
'APIWellNo:43013501140000'

NEWFIELD PRODUCTION COMPANY

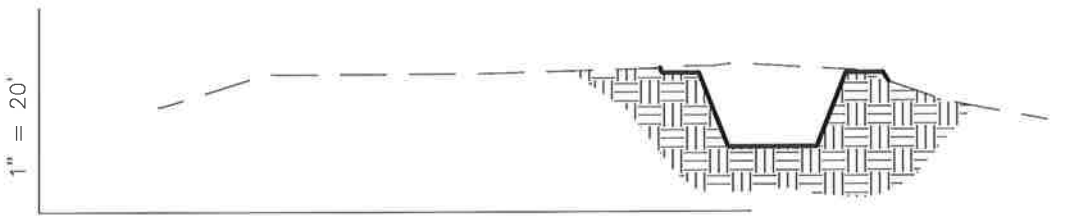
CROSS SECTIONS

MONUMENT BUTTE EAST R-36-8-16 (Proposed Well)
MONUMENT BUTTE EAST 15-36-8-16 (Existing Well)

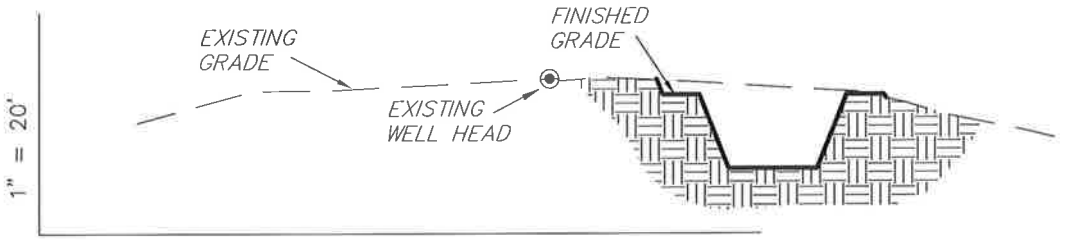
Pad Location: SWSE Section 36, T8S, R16E, S.L.B.&M.



STA. 2+75



STA. 2+05



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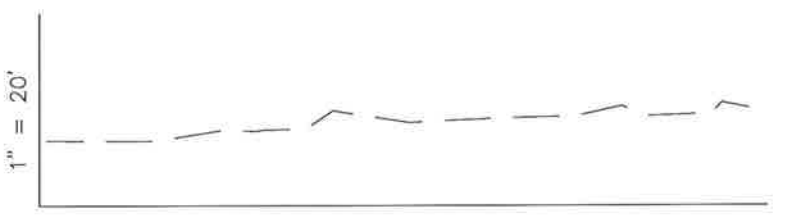


STA. 0+10

NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	50	20	Topsoil is not included in Pad Cut	30
PIT	640	0		640
TOTALS	690	20	130	670

SURVEYED BY: T.H.	DATE SURVEYED:	06-19-09	
DRAWN BY: M.W.	DATE DRAWN:	06-25-09	
SCALE: 1" = 50'	REVISED:		

Tri State Land Surveying, Inc. (435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

'APIWellNo:43013501140000'

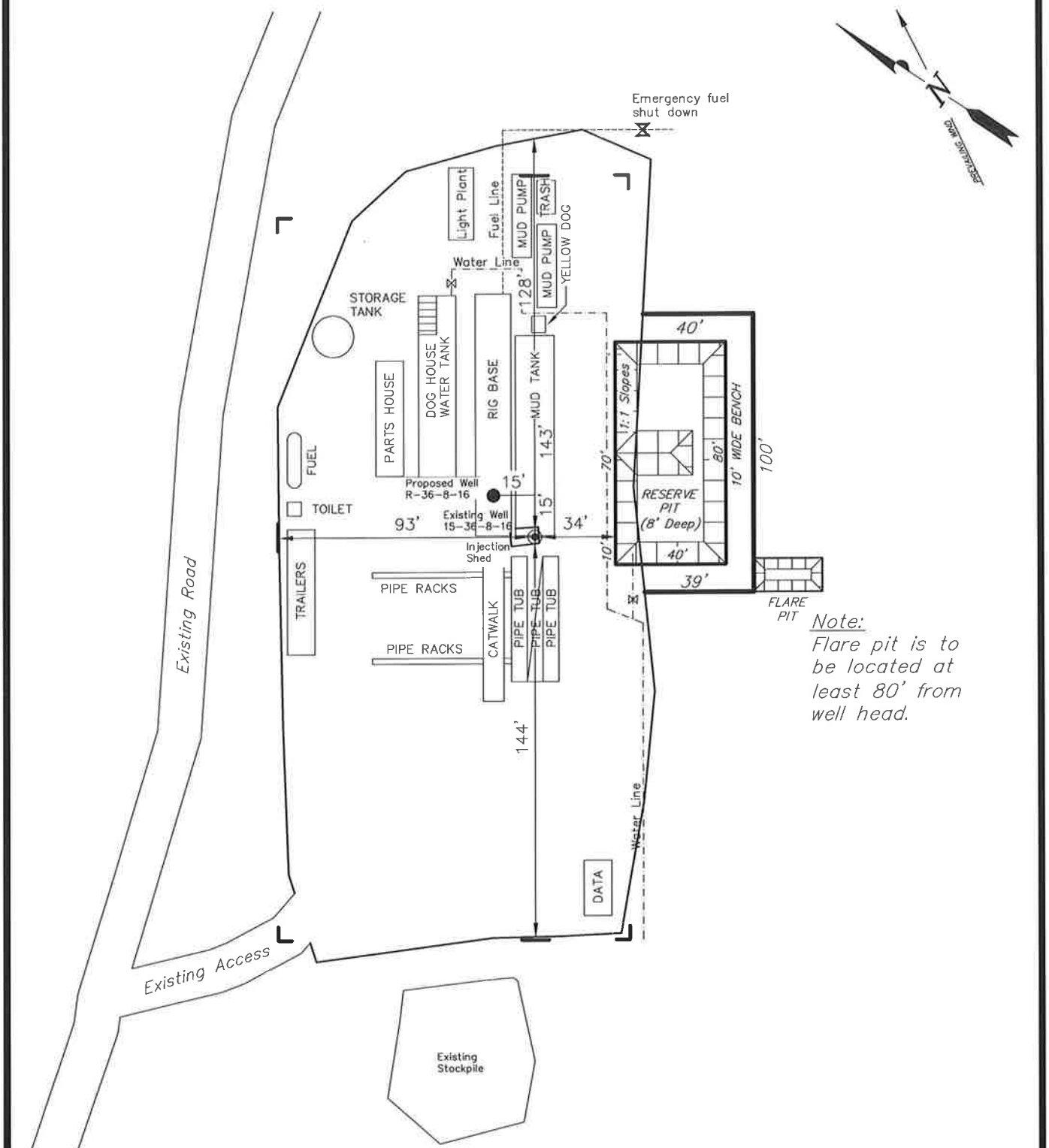
NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

MONUMENT BUTTE EAST R-36-8-16 (Proposed Well)

MONUMENT BUTTE EAST 15-36-8-16 (Existing Well)

Pad Location: SWSE Section 36, T8S, R16E, S.L.B.&M.



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DRAWN BY: M.W.	DATE DRAWN:	06-25-09	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:		

'APIWellNo:43013501140000'

Newfield Production Company
Proposed Site Facility Diagram

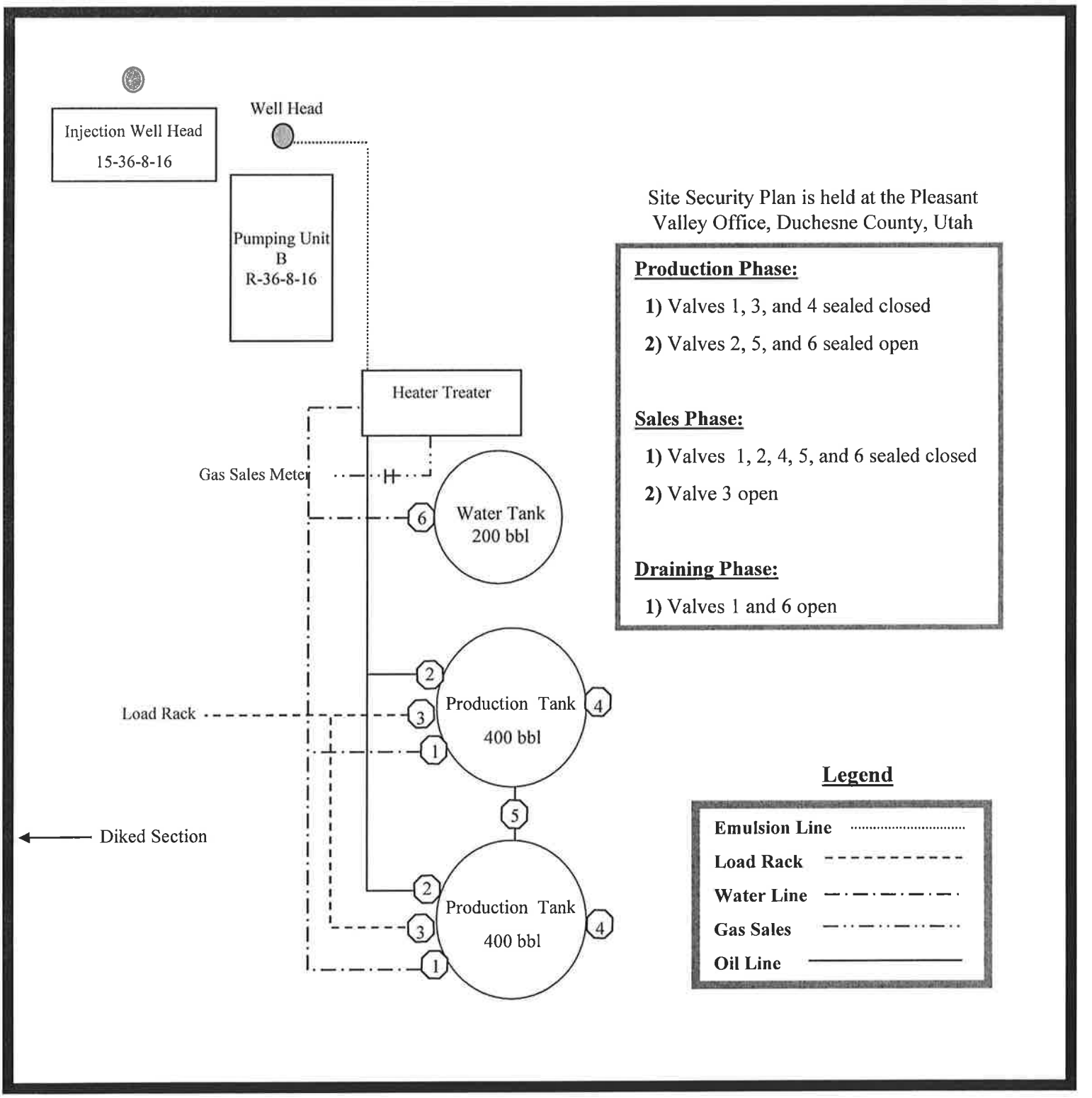
Monument Butte East State R-36-8-16

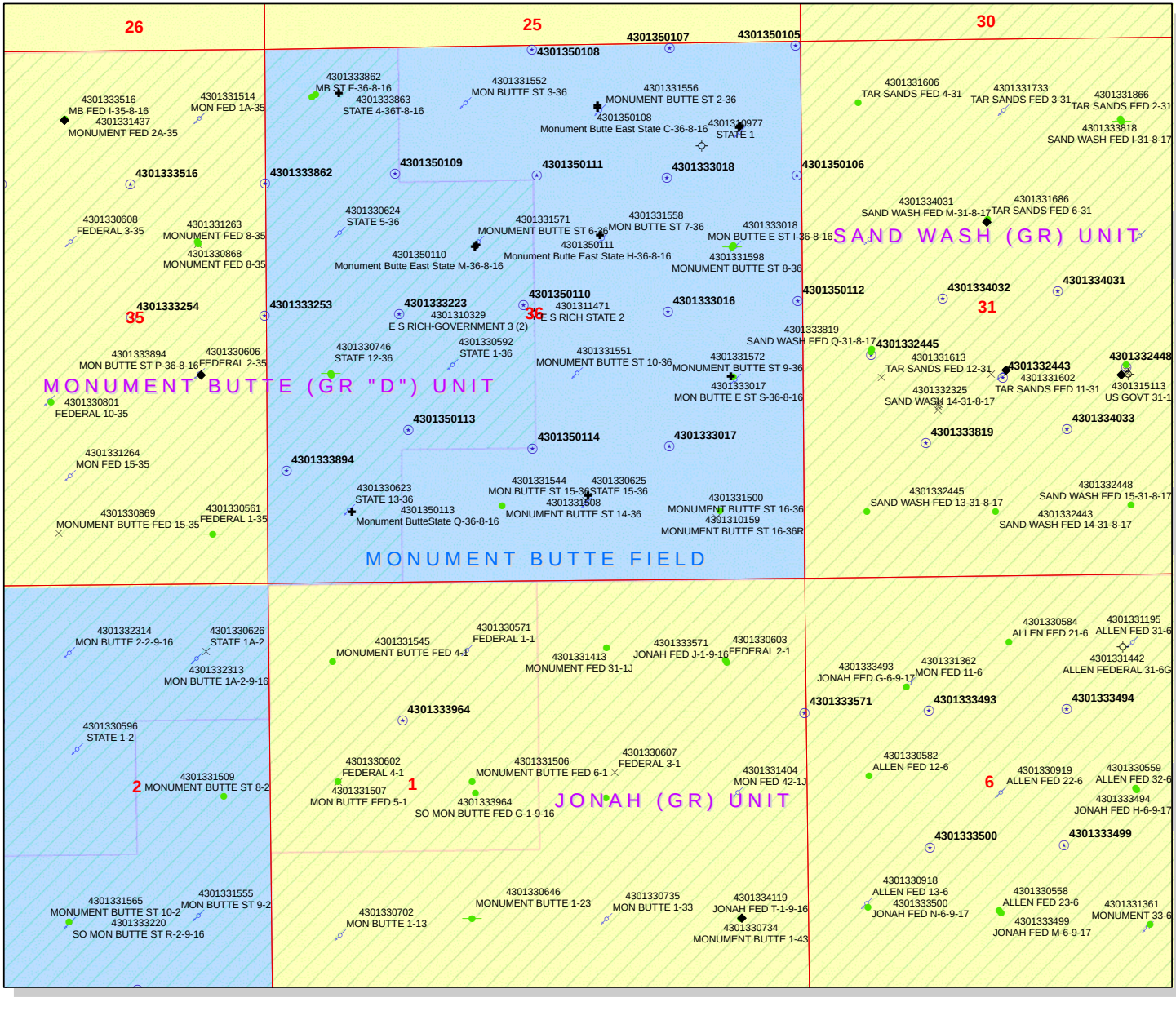
From the Monument Butte State 15-36-8-16 Location

SW/SE Sec. 36 T8S, R16E

Duchesne County, Utah

ML-22061





API Number: 4301350114

Well Name: Monument Butte East State R-36-8-16

Township 08.0 S Range 16.0 E Section 36

Meridian: SLBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
ACTIVE
COMBINED
Sections

Wells Query Events
<all other values>
GIS_STAT_TYPE
<Null>
APD
DRL
GI
GS
LA
NEW
OPS
PA
PGW
POW
RET
SGW
SOW
TA
TW
WD
WI
WS

1,200 600 0 1,200 Feet

1:12,000

'APIWellNo:43013501140000'

From: Jim Davis
To: Bonner, Ed; Mason, Diana
Date: 8/31/2009 9:01 AM
Subject: SITLA well approvals (Newfield 16)

CC: Garrison, LaVonne

The following wells have been approved by SITLA including arch and paleo clearance.

Monument Butte East State A-36-8-16 [API #4301350105],

Monument Butte East State J-36-8-16 [API #4301350106],

Monument Butte East State B-36-8-16 [API #4301350107],

Monument Butte East State C-36-8-16 [API #4301350108],

Monument Butte East State G-36-8-16 [API #4301350109],

Monument Butte East State M-36-8-16 [API #4301350110],

Monument Butte East State H-36-8-16 [API #4301350111],

Monument Butte State Q-36-8-16 [API #4301350113],

Monument Butte East State R-36-8-16 [API #4301350114],

Monument Butte State G-2-9-16 [API #4301350115],

South Monument Butte State M-2-9-16 [API #4301350116],

South Monument Butte State N-2-9-16 [API #4301350117],

South Monument Butte State P-2-9-16 [API #4301350118],

South Monument Butte State X-2-9-16 [API #4301350119],

South Monument Butte State V-2-9-16 [API #4301350120],

South Monument Butte State W-2-9-16 [API #4301350121]

These wells are still waiting for approvals of one kind or another:

Monument Butte East Federal V-35-8-16, Host well 2-2-9-16, no new disturbance (State surface, Federal mineral)
Monument Butte East Federal W-35-8-16, Host well 2-2-9-16, no new disturbance (State surface, Federal mineral)
Monument Butte East State K-36-8-16 [API #4301350112], Host well 9-36-8-16, new disturbance

-Jim

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156

BOPE REVIEW NEWFIELD PRODUCTION COMPANY utte East State R-36-8-16 43013501140000

Well Name	NEWFIELD PRODUCTION COMPANY Monument Butte East State R-36-8-			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	400	6308		
Previous Shoe Setting Depth (TVD)	0	400		
Max Mud Weight (ppg)	8.3	8.6		
BOPE Proposed (psi)	0	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2712	8.3		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	173	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	125	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	85	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	85	NO OK
Required Casing/BOPE Test Pressure=		400	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BPH (psi)	.052*Setting Depth*MW=	2821	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2064	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1433	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1521	NO Reasonable for area
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		400	psi *Assumes 1psi/ft frac gradient

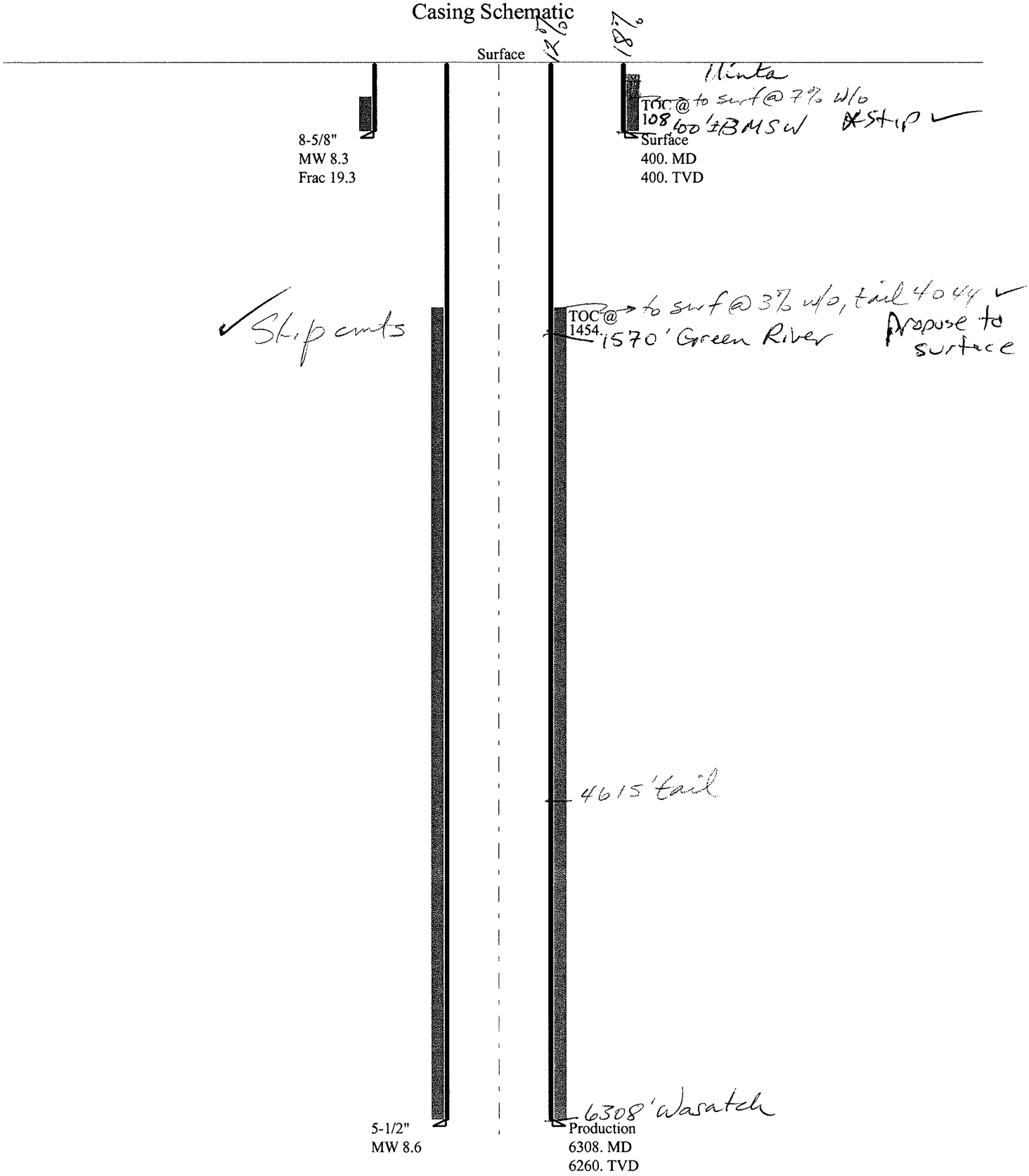
Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

'APIWellNo:43013501140000'

43013501140000 Monument Butte East State R-36-8-16

Casing Schematic



'APIWellNo:43013501140000'

Well name:	**43013501140000 Monument Butte East State R-36-8-16**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Surface
Project ID:	43-013-50114
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 352 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 400 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 350 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 80 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 108 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 6,308 ft
Next mud weight: 8.600 ppg
Next setting BHP: 2,818 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 400 ft
Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	2059

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	173	1370	7.917	400	2950	7.38	9.6	244	25.42 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: September 1,2009
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 400 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43013501140000 Monument Butte East State R-36-8-16**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Production
Project ID:	43-013-50114
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 8.600 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,419 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,797 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 5,486 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 162 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 1,454 ft

Directional Info - Build & Hold
Kick-off point 600 ft
Departure at shoe: 728 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 7.67 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	6308	5.5	15.50	J-55	LT&C	6260	6308	4.825	22274

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2797	4040	1.445	2797	4810	1.72	97	217	2.24 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: September 1,2009
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 6260 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

'APIWellNo:43013501140000'

NEWFIELD
ROCKY MOUNTAINS

November 23, 2009

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Monument Butte East State R-36-8-16
Greater Monument Butte (Green River) Unit
ML-22061
Surface Hole: T8S-R16E Section 36: SWSE
842' FSL 2124' FEL

At Target: T8S-R16E Section 36: SESW
1317' FSL 2612' FWL

43-013-50114

Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 8/17/09, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-existing roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4197 or by email at sgillespie@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

Shane Gillespie
Land Associate

RECEIVED
NOV 30 2009
DIV. OF OIL, GAS & MINING

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

December 11, 2009

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2009 Plan of Development Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2009 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-50112	MB East State	K-36-8-16 Sec 36 T08S R16E 2004 FSL 0706 FEL BHL Sec 36 T08S R16E 2560 FNL 0040 FEL
43-013-50111	MB East State	H-36-8-16 Sec 36 T08S R16E 1896 FNL 1955 FEL BHL Sec 36 T08S R16E 1280 FNL 2597 FEL
43-013-50110	MB East State	M-36-8-16 Sec 36 T08S R16E 1956 FNL 2075 FWL BHL Sec 36 T08S R16E 2560 FNL 2536 FWL
43-013-50109	MB East State	G-36-8-16 Sec 36 T08S R16E 1972 FNL 2061 FWL BHL Sec 36 T08S R16E 1242 FNL 1280 FWL
43-013-50108	MB East State	C-36-8-16 Sec 36 T08S R16E 0624 FNL 1996 FEL BHL Sec 36 T08S R16E 0040 FNL 2635 FEL
43-013-50107	MB East State	B-36-8-16 Sec 36 T08S R16E 0603 FNL 1995 FEL BHL Sec 36 T08S R16E 0040 FNL 1280 FEL
43-013-50106	MB East State	J-36-8-16 Sec 36 T08S R16E 0839 FNL 0604 FEL BHL Sec 36 T08S R16E 1317 FNL 0040 FEL
43-013-50105	MB East State	A-36-8-16 Sec 36 T08S R16E 0822 FNL 0591 FEL BHL Sec 36 T08S R16E 0040 FNL 0040 FEL

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-50114	MB East State	R-36-8-16 Sec 36 T08S R16E 0842 FSL 2124 FEL BHL Sec 36 T08S R16E 1317 FSL 2612 FWL
43-013-50149	Federal	14-29-8-16 Sec 29 T08S R16E 0679 FSL 2241 FWL
43-047-50490	Federal	6-31-8-19 Sec 31 T08S R19E 0473 FNL 1813 FWL
43-013-50061	Federal	3-27-8-16 Sec 27 T08S R16E 0748 FNL 2211 FWL
43-047-40594	Federal	10-20-8-18 Sec 20 T08S R18E 2138 FSL 3060 FWL

Our records indicate the Federal 10-20-8-18 is closer than 460 feet from the Greater Monument Butte Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:12-11-09

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator	NEWFIELD PRODUCTION COMPANY								
Well Name	Monument Butte East State R-36-8-16								
API Number	43013501140000	**APD No**	1907	**Field/Unit**	MONUMENT BUTTE				
Location: 1/4,1/4	SWSE	**Sec**	36	**Tw**	8.0S	**Rng**	16.0E	842 FSL	2124 FEL
GPS Coord (UTM)	579714 4435674	**Surface Owner**							

Participants

Floyd Bartlett (DOGM), Tim Eaton (Newfield).

Regional/Local Setting & Topography

The proposed Monument Butte East State R-36-8-16 proposed oil well is to be directionally drilled from the existing pad of the Monument Butte East State 15-36-8-16 water flood injection well. No changes are planned to the existing pad. The reserve pit will be re-dug near the original location in the southeast side of the pad. The wells are on 20-acre spacing.

A field review of the site and the existing pad showed no concerns and should be suitable for drilling and operating the proposed additional wells.

SITLA owns both the surface and the minerals.

Surface Use Plan

Current Surface Use
Existing Well Pad
Wildlfe Habitat

New Road Miles	**Well Pad**		**Src Const Material**	**Surface Formation**
0	**Width**	**Length**		

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands

Flora / Fauna

Existing Well Pad

Soil Type and Characteristics

Erosion Issues

Sedimentation Issues

Site Stability Issues

Drainage Diverson Required?

Berm Required?

Erosion Sedimentation Control Required?

Paleo Survey Run?	Paleo Potental Observed?	Cultural Survey Run?	Cultural Resources?

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	40	1 Sensitivity Level

Characteristics / Requirements

A reserve pit will be re-dug near the original location. Its dimensions are 80' x 40' x 8' deep. A 10-foot wide bench is provided around the outside. A 16-mil liner with an appropriate sub-liner is required.

Closed Loop Mud Required? N **Liner Required?** **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

Floyd Bartlett	8/24/2009
Evaluator	**Date / Time**

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
1907	43013501140000	LOCKED	OW	S	No

Operator	NEWFIELD PRODUCTION COMPANY	**Surface Owner-APD**	
Well Name	Monument Butte East State R-36-8-16	**Unit**	GMBU (GRRV)
Field	MONUMENT BUTTE	**Type of Work**	DRILL
Location	SWSE 36 8S 16E S 842 FSL 2124 FEL	GPS Coord (UTM)	579715E 4435674N

Geologic Statement of Basis

Newfield proposes to set 300' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 400'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 36. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Surface casing should be extended to cover the base of the moderately saline ground water.

Brad Hill	9/1/2009
APD Evaluator	**Date / Time**

Surface Statement of Basis

The proposed Monument Butte East State R-36-8-16 proposed oil well is to be directionally drilled from the existing pad of the Monument Butte East State 15-36-8-16 water flood injection well. No changes are planned to the existing pad. The reserve pit will be re-dug near the original location in the southeast side of the pad. The wells are on 20-acre spacing.

A field review of the site and the existing pad showed no concerns and should be suitable for drilling and operating the proposed additional wells.

SITLA owns both the surface and the minerals. They were invited to the pre-site visit but did not attend.

The Utah Division of Wildlife Resources was also invited and did not attend. Pat Rainbolt of the DWR stated on the telephone that a historic ferruginous hawk nest was in the immediate area. By e-mail he requested a timing restriction from March 1-July 15. On the pre-site visit Mr. Eaton stated he would contact UDWR and request more information about the nest and it's monitoring history. DWR would be requested to provide current year information regarding its use. By phone on 08/26/2009, Jim Davis of SITLA was informed of DWR's request. He stated he would discuss the request with Mr. Eaton of Newfield.

Floyd Bartlett	8/24/2009
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/17/2009 **API NO. ASSIGNED:** 43013501140000

WELL NAME: Monument Butte East State R-36-8-16

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SWSE 36 080S 160E **Permit Tech Review:** ☑

SURFACE: 0842 FSL 2124 FEL **Engineering Review:** ☑

BOTTOM: 1317 FSL 2612 FWL **Geology Review:** ☑

COUNTY: DUCHESNE

LATITUDE: 40.06945 **LONGITUDE:** -110.06521

UTM SURF EASTINGS: 579715.00 **NORTHINGS:** 4435674.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 3 - State

LEASE NUMBER: ML-22061 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

SURFACE OWNER: 3 - State **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** STATE/FEE - B001834
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 43-7478
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: GMBU (GRRV)

- ☐ **R649-3-2. General**
- ☑ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 213-11

Effective Date: 11/30/2009

Siting: 460' fr unit boundary

- ☑ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
1 - Exception Location - dmason
5 - Statement of Basis - bhill
15 - Directional - dmason
25 - Surface Casing - hmacdonald
27 - Other - bhill

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: Monument Butte East State R-36-8-16
API Well Number: 43013501140000
Lease Number: ML-22061
Surface Owner: STATE
Approval Date: 12/14/2009

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:
Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Surface casing shall be cemented to the surface.

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Additional Approvals:

API Well No: 43013501140000

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

For Gil Hunt
Associate Director, Oil & Gas

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-22061

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: GMBU

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: R-36-8-16 MONUMENT BUTTE EAST STATE

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4301350114

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER: 435.646.3721

10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT

4. LOCATION OF WELL:

FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 36, T8S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
05/25/2010	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Weekly Status Report
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 05-25-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE [signature] DATE 06/01/2010

(This space for State use only)

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DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

MON BUTTE EAST R-36-8-16

3/1/2010 To 7/30/2010

5/14/2010 Day: 1 **Completion**

Rigless on 5/14/2010 - Run CBL and perforate 1st stage. - Install 5m frac head. NU 6" 5K Cameron BOP. RU hot oil truck & pressure test casing, blind rams, frac head, & casing valves to 4500 psi w/ 2 bw. RU The Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6235' w/ cement top @ 56'. Perforate stage #1, CP 5 sds (6060'-70') w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for a total of 30 shots. RD The Peforators LLC WLT.
Daily Cost: $0
Cumulative Cost: $9,301

5/18/2010 Day: 2 **Completion**

Rigless on 5/18/2010 - Perforate, frac & flowback 6 stages. - Perforate & frac 6 stages as detailed. 2929 BWTR. Open for immediate flowback at approx 3 BPM. Flowed for 8 1/3 hours & turned to oil & gas. Recovered 1224 bbls. 1705 BWTR.
Daily Cost: $0
Cumulative Cost: $131,992

5/21/2010 Day: 3 **Completion**

WWS #5 on 5/21/2010 - Set kill plug. MIRUSU, PU tbg. - RU WLT & hot oil truck. Check pressure on well, 800 psi. Pump 20 BW down csg. RIH w/ Weahterford 6K solid plug and set @ 4290'. RD WLT & hot oiler. Bleed pressure off well. MIRUSU. Check pressure on well, 0 psi. ND frac BOPs & frac head. NU production wellhead & BOPs. RU rig floor. Talley & PU 4 3/4" chomp bit, bit sub & 130- jts 2 7/8" J-55 6.5# 8rd EUE tbg. Circulate well clean. RU drill equipment. SWIFN. 1725 BWTR.
Daily Cost: $0
Cumulative Cost: $175,800

5/24/2010 Day: 4 **Completion**

WWS #5 on 5/24/2010 - Drill out plugs & clean out to PBTD - PU 6- jts tbg & tag plug @ 4290'. Drill out plug in 29 min. Continue PU tbg & tag plug @ 4510'. Drill out plug in 40 min. Continue PU tbg & tag plug @ 5100'. Drill out plug in 28 min. Transfer 80 BW up flowline. Continue PU tbg & tag plug @ 5280'. Drill out plug in 26 min. Continue PU tbg & tag plug @ 5540'. Drill out plug in 23 min. Continue PU tbg & tag plug @ 5998'. Drill out plug in 41 min. Continue PU tbg & tag fill @ 6084'. Clean out to PBTD @ 6199'. Circulate well clean. RD drill equipment. LD 3 jts tbg & place EOT @ 6127'. Left well flowing up flowline for weekend w/ 24/64" choke. SDFN. 1345 BWTR.
Daily Cost: $0
Cumulative Cost: $186,563

5/25/2010 Day: 5 **Completion**

WWS #5 on 5/25/2010 - Round trip tbg & PU rods. - Check pressure on well, 450 psi csg & 80 psi tbg. Pump 30 bbls brine down tbg. PU 3- jts tbg. Tag PBTD @ 6199'. Circulate well clean

w/ 250 bbls brine. LD 3- jts tbg & TOOH w/ tbg. TIH w/ production tbg as detailed. RD rig floor. ND BOPs. Set TA @ 6038' w/ 18,000#s tension. NU wellhead. X-over for rods. Pump 60 bbls brine down tbg. PU & prime Central Hydraulic 2 1/2" X 1 3/4" X 20' X 24' RHAC rod pump. PU rod string as detailed. RU pumping unit. Stroke test pump w/ unit to 800 psi. RDMOSU. PWOP @ 6:30 pm w/ 144" SL & 5 SPM. 1001 BWTR. **Finalized**
Daily Cost: $0
Cumulative Cost: $228,201

Pertinent Files: Go to File List

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: ML-22061

1a. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other:

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.: GMBU

2. Name of Operator: NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.: MONUMENT BUTTE E R-36-8-16

3. Address: 1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. *(include area code)*: (435)646-3721

9. AFI Well No.: 43-013-50114

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

BHL reviewed by HSM

10. Field and Pool or Exploratory: MONUMENT BUTTE

At surface 842' FSL & 2124' FEL (SW/SE) SEC. 36, T8S, R16E (ML-22061)

11. Sec., T., R., M., on Block and Survey or Area: SEC. 36, T8S, R16E

At top prod. interval reported below 1199' FSL & 2553' FEL (SW/SE) SEC. 36, T8S, R16E (ML-22061)

12. County or Parish: DUCHESNE

13. State: UT

At total depth 1409' FSL 2478 83 FWL (NE/SW) SEC. 36, T8S, R16E (ML-22061)

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
04/22/2010	05/04/2010	☐ D & A ☑ Ready to Prod. 05/24/2010	5355' GL 5367' KB

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
MD 6255' TVD 6181'	MD 6199' TVD 6125	MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY,COMP. NEUTRON,GR,CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	442'		200 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6245'		228 PRIMLITE		64'	
						401 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6106'	TA @ 6038'						

25. Producing Intervals / 26. Perforation Record 4340

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			6060-6070' CP5	.36"	3	30
B) Green River			5923-5933' CP4	.36"	3	30
C) Green River			5420-5455' A3	.36"	3	24
D) Green River			5158-5210' B1 B2	.36"	3	42

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6060-6070'	Frac w/ 55316#'s 20/40 sand in 352 bbls of Lightning 17 fluid.
5923-5933'	Frac w/ 35030#'s 20/40 sand in 176 bbls of Lightning 17 fluid.
5420-5455'	Frac w/ 40341#'s 20/40 sand in 266 bbls of Lightning 17 fluid.
5158-5210'	Frac w/ 75800#'s 20/40 sand in 453 bbls of Lightning 17 fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5-24-10	6-9-10	24	→	33	0	6.26			2-1/2" x 1-3/4" x 20' x 24' RHAC Pump

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GARDEN GULCH MRK	3836'
				GARDEN GULCH 1	4041'
				GARDEN GULCH 2	4160'
				POINT 3	4434'
				X MRKR	4682'
				Y MRKR	4717'
				DOUGALS CREEK MRK	4843'
				BI CARBONATE MRK	5090'
				B LIMESTON MRK	5223'
				CASTLE PEAK	5706'
				BASAL CARBONATE	6143'

32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (D1 D2 & C) 4878-5034', .36" 3/21 Frac w/ 40512#'s of 20/40 sand in 255 bbls of Lightning 17 fluid

Stage 5: Green River Formation (GB4 & GB6) 4340-4429', .36" 3/18 Frac w/ 50163#'s of 20/40 sand in 314 bbls of Lightning 17 fluid

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Lucy Chavez-Naupoto Title Administrative Assistant

Signature Date 06/17/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 36 T8S, R16E
R-36-8-16

Wellbore #1

Design: Actual

Standard Survey Report

07 June, 2010

HATHAWAY HB BURNHAM
DIRECTIONAL & MWD SERVICES

NEWFIELD

HATHAWAY BURNHAM
Survey Report

HATHAWAY BURNHAM
DIRECTIONAL & MWD SERVICES

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well R-36-8-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	R-36-8-16 @ 5367.0ft
Site:	SECTION 36 T8S, R16E	**MD Reference:**	R-36-8-16 @ 5367.0ft
Well:	R-36-8-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site SECTION 36 T8S, R16E, SEC 26 T8S, R16E

Site Position:		**Northing:**	7,202,697.00 ft	**Latitude:**	40° 5' 3.401 N
From:	Lat/Long	**Easting:**	2,045,250.00 ft	**Longitude:**	110° 3' 10.915 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.93 °

Well R-36-8-16, SHL LAT: 40 04 09.95, LONG: -110 03 57.34

Well Position	**+N/-S**	0.0 ft	**Northing:**	7,197,231.22 ft	**Latitude:**	40° 4' 9.950 N
	+E/-W	0.0 ft	**Easting:**	2,041,728.99 ft	**Longitude:**	110° 3' 57.340 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,337.0 ft

Wellbore Wellbore #1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	2009/07/16	11.55	65.87	52,503

Design Actual

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.0	0.0	0.0	310.04

Survey Program **Date** 2010/06/07

From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
475.0	6,255.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
475.0	0.55	224.63	475.0	-1.6	-1.6	0.2	0.12	0.12	0.00
506.0	0.68	231.36	506.0	-1.8	-1.8	0.2	0.48	0.42	21.71
536.0	0.73	233.65	536.0	-2.1	-2.1	0.3	0.19	0.17	7.63
567.0	0.66	243.12	567.0	-2.3	-2.5	0.4	0.43	-0.23	30.55
597.0	0.77	259.79	597.0	-2.4	-2.8	0.6	0.78	0.37	55.57
628.0	0.79	270.56	628.0	-2.4	-3.2	0.9	0.48	0.06	34.74
659.0	0.90	286.58	659.0	-2.3	-3.7	1.3	0.84	0.35	51.68
690.0	1.03	295.06	690.0	-2.2	-4.2	1.8	0.62	0.42	27.35
720.0	1.32	303.43	720.0	-1.9	-4.7	2.4	1.12	0.97	27.90
751.0	1.71	310.09	751.0	-1.4	-5.3	3.2	1.38	1.26	21.48
781.0	1.96	313.12	780.9	-0.7	-6.1	4.2	0.89	0.83	10.10
812.0	2.48	320.22	811.9	0.2	-6.9	5.4	1.89	1.68	22.90

NEWFIELD

HATHAWAY BURNHAM

Survey Report

HATHAWAY BURNHAM
DIRECTIONAL & MWD SERVICES

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well R-36-8-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	R-36-8-16 @ 5367.0ft
Site:	SECTION 36 T8S, R16E	**MD Reference:**	R-36-8-16 @ 5367.0ft
Well:	R-36-8-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
857.0	3.14	315.72	856.9	1.8	-8.4	7.6	1.55	1.47	-10.00
903.0	3.60	322.80	902.8	3.8	-10.1	10.2	1.35	1.00	15.39
948.0	4.02	317.01	947.7	6.1	-12.0	13.2	1.26	0.93	-12.87
993.0	4.60	321.60	992.6	8.7	-14.2	16.5	1.50	1.29	10.20
1,039.0	5.30	320.09	1,038.4	11.8	-16.8	20.4	1.55	1.52	-3.28
1,084.0	5.70	318.40	1,083.2	15.0	-19.6	24.7	0.96	0.89	-3.76
1,129.0	6.53	315.23	1,127.9	18.5	-22.9	29.4	1.99	1.84	-7.04
1,174.0	7.21	315.28	1,172.6	22.3	-26.6	34.8	1.51	1.51	0.11
1,220.0	7.70	316.20	1,218.2	26.6	-30.8	40.7	1.10	1.07	2.00
1,265.0	8.31	313.60	1,262.8	31.0	-35.3	47.0	1.58	1.36	-5.78
1,310.0	8.81	315.58	1,307.3	35.7	-40.0	53.6	1.29	1.11	4.40
1,356.0	9.40	312.88	1,352.7	40.8	-45.2	60.9	1.58	1.28	-5.87
1,401.0	10.13	313.89	1,397.0	46.1	-50.8	68.5	1.67	1.62	2.24
1,492.0	10.72	313.00	1,486.5	57.4	-62.7	84.9	0.67	0.65	-0.98
1,582.0	11.07	311.78	1,574.9	68.8	-75.3	101.9	0.47	0.39	-1.36
1,673.0	11.70	309.20	1,664.1	80.5	-89.0	119.9	0.89	0.69	-2.84
1,763.0	10.50	309.23	1,752.4	91.4	-102.4	137.2	1.33	-1.33	0.03
1,854.0	9.80	302.50	1,842.0	100.9	-115.3	153.2	1.51	-0.77	-7.40
1,945.0	8.75	301.43	1,931.8	108.6	-127.8	167.7	1.17	-1.15	-1.18
2,035.0	8.30	299.41	2,020.8	115.4	-139.3	180.9	0.60	-0.50	-2.24
2,126.0	8.61	301.61	2,110.8	122.2	-150.8	194.1	0.49	0.34	2.42
2,217.0	8.90	305.37	2,200.8	129.8	-162.4	207.8	0.70	0.32	4.13
2,307.0	9.00	308.30	2,289.7	138.2	-173.6	221.8	0.52	0.11	3.26
2,398.0	9.10	310.70	2,379.6	147.3	-184.6	236.1	0.43	0.11	2.64
2,488.0	9.90	313.50	2,468.3	157.3	-195.6	250.9	1.03	0.89	3.11
2,579.0	9.50	309.00	2,558.0	167.4	-207.1	266.3	0.94	-0.44	-4.95
2,670.0	9.10	303.80	2,647.8	176.1	-218.9	280.9	1.02	-0.44	-5.71
2,760.0	9.10	303.40	2,736.7	184.0	-230.8	295.1	0.07	0.00	-0.44
2,851.0	9.20	308.80	2,826.5	192.5	-242.5	309.5	0.95	0.11	5.93
2,941.0	10.10	314.50	2,915.3	202.6	-253.7	324.5	1.46	1.00	6.33
3,032.0	10.40	320.30	3,004.8	214.5	-264.6	340.6	1.18	0.33	6.37
3,123.0	11.10	319.60	3,094.2	227.5	-275.6	357.3	0.78	0.77	-0.77
3,213.0	10.60	312.10	3,182.6	239.6	-287.3	374.1	1.66	-0.56	-8.33
3,304.0	9.80	307.40	3,272.2	249.9	-299.7	390.2	1.27	-0.88	-5.16
3,394.0	10.80	308.80	3,360.7	259.9	-312.3	406.3	1.15	1.11	1.56
3,485.0	10.92	305.76	3,450.1	270.2	-326.0	423.4	0.64	0.13	-3.34
3,576.0	10.80	304.60	3,539.5	280.1	-340.0	440.5	0.27	-0.13	-1.27
3,666.0	10.80	305.10	3,627.9	289.8	-353.8	457.3	0.10	0.00	0.56
3,757.0	9.90	303.10	3,717.4	298.9	-367.4	473.6	1.06	-0.99	-2.20
3,847.0	8.90	305.10	3,806.2	307.2	-379.5	488.2	1.17	-1.11	2.22
3,938.0	8.00	309.50	3,896.2	315.2	-390.2	501.5	1.22	-0.99	4.84
4,028.0	8.42	316.00	3,985.3	324.0	-399.6	514.3	1.13	0.47	7.22
4,119.0	9.27	319.82	4,075.2	334.4	-408.9	528.2	1.13	0.93	4.20
4,210.0	9.65	318.37	4,165.0	345.7	-418.7	543.0	0.49	0.42	-1.59
4,300.0	9.65	316.57	4,253.7	356.8	-428.9	557.9	0.34	0.00	-2.00
4,391.0	10.15	311.25	4,343.3	367.6	-440.2	573.5	1.14	0.55	-5.85
4,481.0	10.68	309.08	4,431.8	378.1	-452.6	589.8	0.73	0.59	-2.41
4,572.0	9.60	306.00	4,521.4	387.9	-465.3	605.8	1.33	-1.19	-3.38
4,663.0	9.51	307.90	4,611.2	396.9	-477.4	620.9	0.36	-0.10	2.09
4,753.0	9.65	312.38	4,699.9	406.6	-488.8	635.8	0.84	0.16	4.98
4,844.0	9.10	311.67	4,789.7	416.5	-499.9	650.6	0.62	-0.60	-0.78
4,934.0	9.34	311.00	4,878.5	426.0	-510.7	665.1	0.29	0.27	-0.74
5,025.0	9.10	307.50	4,968.3	435.3	-522.0	679.6	0.67	-0.26	-3.85
5,116.0	8.40	308.00	5,058.3	443.7	-532.9	693.5	0.77	-0.77	0.55

NEWFIELD

HATHAWAY BURNHAM

Survey Report

HATHAWAY BURNHAM
DIRECTIONAL - MWD SERVICES

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well R-36-8-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	R-36-8-16 @ 5367.0ft
Site:	SECTION 36 T8S, R16E	**MD Reference:**	R-36-8-16 @ 5367.0ft
Well:	R-36-8-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,206.0	8.60	312.60	5,147.3	452.3	-543.0	706.8	0.79	0.22	5.11
5,297.0	8.70	321.60	5,237.3	462.3	-552.3	720.3	1.49	0.11	9.89
5,387.0	8.70	318.60	5,326.2	472.8	-561.1	733.7	0.50	0.00	-3.33
5,478.0	8.90	320.70	5,416.2	483.4	-570.1	747.4	0.42	0.22	2.31
5,569.0	9.60	314.50	5,506.0	494.2	-579.9	761.9	1.34	0.77	-6.81
5,659.0	9.20	306.50	5,594.8	503.7	-591.1	776.6	1.52	-0.44	-8.89
5,750.0	9.30	304.60	5,684.6	512.2	-603.0	791.1	0.35	0.11	-2.09
5,840.0	10.26	303.72	5,773.3	520.8	-615.6	806.4	1.08	1.07	-0.98
5,931.0	10.88	306.62	5,862.7	530.4	-629.3	823.0	0.90	0.68	3.19
6,255.0	10.88	306.62	6,180.9	566.9	-678.3	884.0	0.00	0.00	0.00
R-36-8-16 TGT									

Wellbore Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
R-36-8-16 TGT	0.00	0.00	6,260.0	468.0	-556.9	7,197,690.23	2,041,164.62	40° 4' 14.575 N	110° 4' 4.505 W
- actual wellpath misses by 175.4ft at 6255.0ft MD (6180.9 TVD, 566.9 N, -678.3 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD

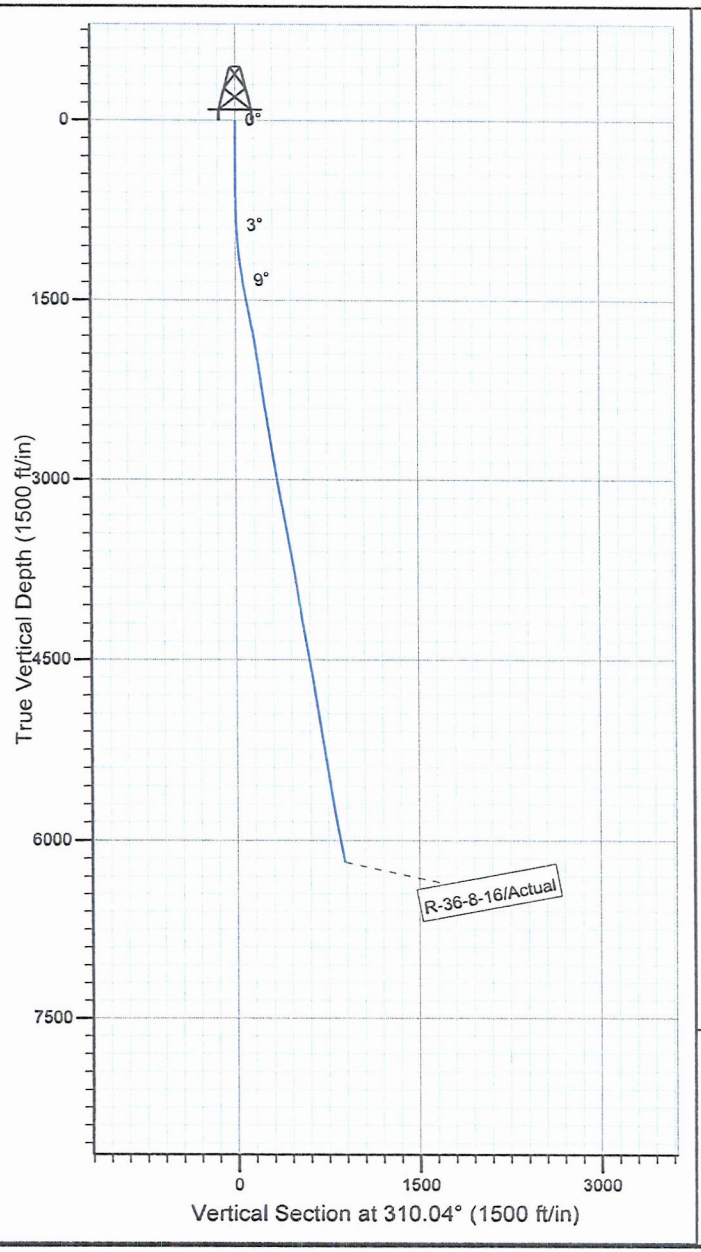
Project: USGS Myton SW (UT)
Site: SECTION 36 T8S, R16E
Well: R-36-8-16
Wellbore: Wellbore #1
SURVEY: Actual

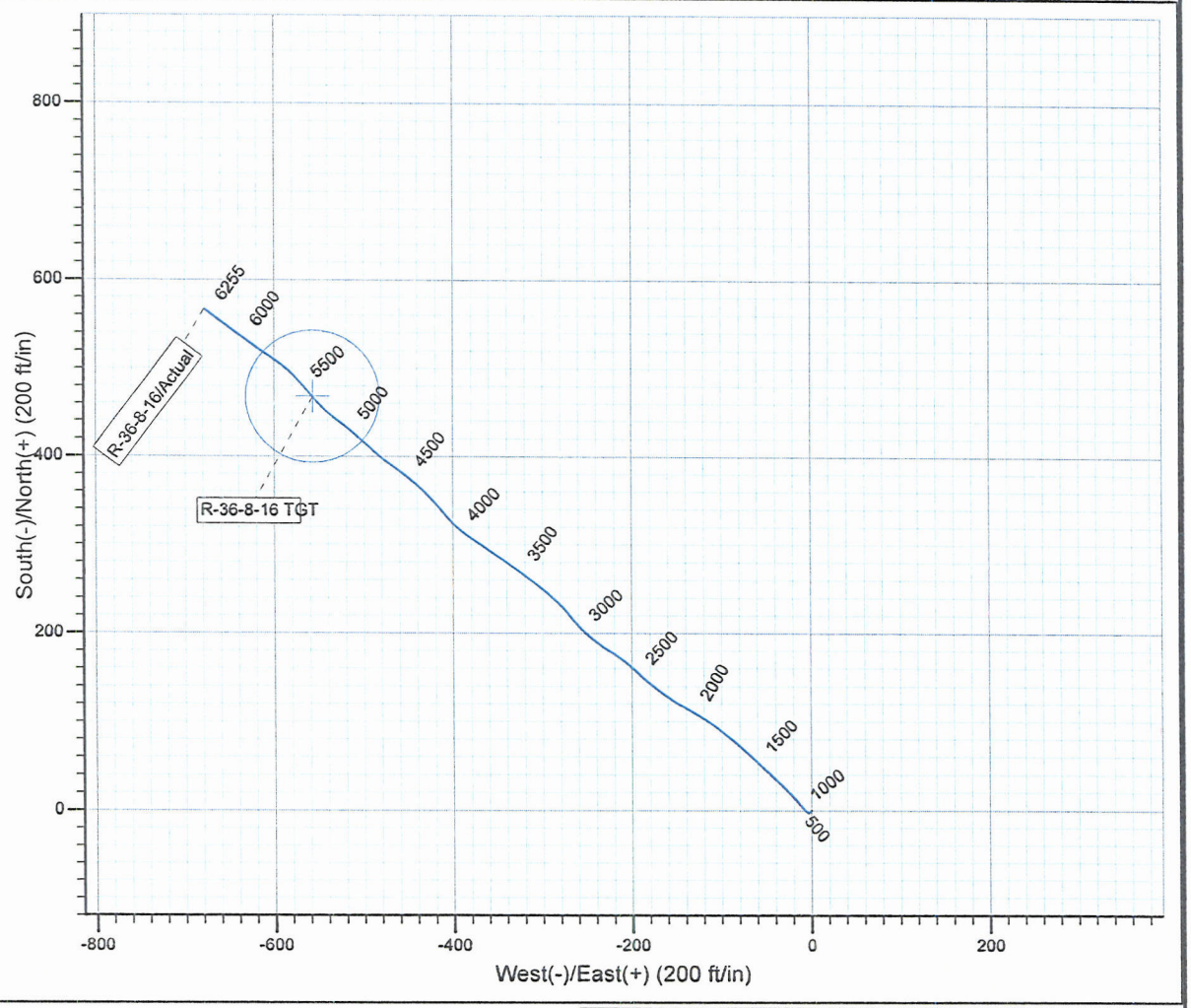
FINAL SURVEY REPORT

T M

Azimuths to True North
Magnetic North: 11.55°

Magnetic Field
Strength: 52503.4snT
Dip Angle: 65.87°
Date: 2009/07/16
Model: IGRF200510





HATHAWAY HB BURNHAM
DIRECTIONAL & MWD SERVICES

Design: Actual (R-36-8-16/Wellbore #1)

Created By: Jim hudson Date: 20:51, June 07 2010

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

MON BUTTE EAST R-36-8-16

2/1/2010 To 6/30/2010

MON BUTTE EAST R-36-8-16 **Waiting on Cement**

Date: 4/23/2010

Ross #21 at 440. Days Since Spud - On 4/25/10 Cemented 8 5/8" Casing W/ BJ Services, Pumped 200sks Class "G"+2%CaCl - l+.25#sk Cello Flake Mixed@ 15.8ppg W/1.17 yield, returned 4bbls to pit. - Spud on 4/22/10 W/ Ross Rig # 21 @ 9:00 AM. Drilled 440' of 12 1/4" hole. Run 8 jts 8 5/8" - Csg. (Guide shoe, Shoe Jt. Baffle Plate 9jts) Set @ 441.82'KB

Daily Cost: $0

Cumulative Cost: $55,794

MON BUTTE EAST R-36-8-16 **Rigging down**

Date: 5/1/2010

Capstar #328 at 440. 0 Days Since Spud - Rigging down Getting ready to move the rig to the Monumont Butte East State R-36-8-16 on 5/1/10

Daily Cost: $0

Cumulative Cost: $56,144

MON BUTTE EAST R-36-8-16 **Drill 7 7/8" hole with fresh water**

Date: 5/2/2010

Capstar #328 at 2266. 1 Days Since Spud - PU BHA Smith MI 616 PDC, Dog sub, Hunting MM 7/8 mil,4.8 stage, .33, NMDC, Gap sub, Ant sub, - min tests ok Accept rig @ 2:00 PM on 5/1/10 - Blind rams & Floor valve to 2000#s for 10 min & Casing to 1500#s for 30 min & Hydril to 1500#s f/ 10 - Hold saftey mtg w/ B&C Quick test & Test Upper kelly valve Pipe rams inside & outside choke valves & - Drill 77/8" hole f/ 386 to 2266' WOB 15/18, GPM= 409 RPMS= 184 ROP= 163 pr hr - NMDC, 4.5 HWDP - TIH & Tag cmt @ 386' - Nipple Bops - RU - On 5/1/10 Moved rig w/ Howcroft Trucking 1 mile to the Monumont Butte East State R-36-8-16

Daily Cost: $0

Cumulative Cost: $101,614

MON BUTTE EAST R-36-8-16 **Drill 7 7/8" hole with fresh water**

Date: 5/3/2010

Capstar #328 at 5030. 2 Days Since Spud - Drill 77/8" hole f/ 2266' to 3490' WOB 20/25, GPM= 409 RPMS= 184 ROP= 174' pr hr - Rig serv - Drill 77/8" hole f/ 3490' to 5030' WOB 20/25, GPM= 409 RPMS= 184 ROP= 93' pr hr - No H2S in the last 24 hrs

Daily Cost: $0

Cumulative Cost: $121,363

MON BUTTE EAST R-36-8-16 **Logging**

Date: 5/4/2010

Capstar #328 at 6255. 3 Days Since Spud - Rig serv - Drill 77/8 hole f/ 5664' to 5983' WOB 20/25, GPM= 409 RPMS= 184 ROP= 79' pr hr - Trouble shoot dirc tools, Did not get tools to work - We rotated out f/ 5983' to 6255' WOB 20/25, GPM= 409 RPMS= 184 ROP= 136' pr hr, No surveys - Circ f/ laydown - LDDP & BHA - RU Phoenix Survey - Drill 77/8 hole f/ 5030 to 5664' WOB 20/25, GPM= 409 RPMS= 184 ROP= 79' pr hr

Daily Cost: $0

Cumulative Cost: $159,427

MON BUTTE EAST R-36-8-16 **Rigging down**

Date: 5/5/2010

Capstar #328 at 6255. 4 Days Since Spud - Loggers TD 6236' - RU & run 143 jts of 5.5 casing J55 15.5# LT&C shoe @ 6245.55' Float coller 6198.72', 5 jts transferr - d to the Greate Boundary B-1-9-16 - Circ f/ cement - Hold saftey mtg & RU BJ & cement w/ 228 sks of lead cmt 11 ppg & 3.53 yeild PLII+3%KCL+5#CSE+0.5CF+ - RU Phoenix survey & Log w/ Duel Guard Gamma Ray Compensated Density Compensated Neutron Gamma Ray - SMS+FP-6L Disp 147.7 bbls Returned 15 bbls of cmt to pit Bumped plug to 2200#s - Nipple down & set 5.5 casing slips w/ 87,000#s - Clean mud pits - Release rig @ 12:00 AM on 5/5/10 - 5#KOL+.5SMS+FP+SF & 401sks of tail cmt 14.4 ppg & 1.24 yeild 50:50:2+3%KCL+0.5%EC-1+.25#CF+.05#SF+.3 **Finalized**

Daily Cost: $0

Cumulative Cost: $271,720

Pertinent Files: Go to File List

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-22061
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: GMBU
8. WELL NAME and NUMBER: MONUMENT BUTTE EAST STATE R 3E 8 16
9. API NUMBER: 4301350114
10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721
4. LOCATION OF WELL:
FOOTAGES AT SURFACE:
COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 36, T8S, R16E
STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
04/28/2010	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Spud Notice
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 4/22/2010 MIRU Ross # 21.Spud well @ 9:00 AM. Drill 440' of 12 1/4" hole with air mist. TIH W/ 10 Jt's 8 5/8" J-55 24 # csgn. Set @ 441'/KB On 4/25/2010 cement with 200 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

NAME (PLEASE PRINT) Justin Crum TITLE Drilling Foreman
SIGNATURE Justin Crum DATE 04/29/2010

(This space for State use only)

RECEIVED
MAY 11 2010
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT **441.82**

LAST CASING **14** SET AT **4**
DATUM **13**
DATUM TO CUT OFF CASING **13**
DATUM TO BRADENHEAD FLANGE **13**
TD DRILLER **440** LOGGER
HOLE SIZE **12 1/4"**

OPERATOR **Newfield Exploration Company**
WELL **MON BUTTE EAST R-36-8-16**
FIELD/PROSPECT **Mon. Butte**
CONTRACTOR & RIG # **Ross Rig # 21**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		Well Head					0.95
10	8 5/8"	ST&C Casing	24#	J-55	STC	A	428.97
1		Guide Shoe					0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	430.82	10
LESS NON CSG. ITEMS	1.85	
PLUS FULL JTS. LEFT OUT	0	
TOTAL	428.97	10
TOTAL CSG. DEL. (W/O THRDS)	428.97	10
TIMING		
BEGIN RUN CSG. Spud	9:00 AM	4/22/2010
CSG. IN HOLE	4:00 PM	4/22/2010
BEGIN CIRC	9:08 AM	4/25/2010
BEGIN PUMP CMT	9:19 AM	4/25/2010
BEGIN DSPL. CMT	9:32 AM	4/25/2010
PLUG DOWN	**9:39 AM**	**4/25/2010**

TOTAL LENGTH OF STRING	430.82
LESS CUT OFF PIECE	2
PLUS DATUM TO T/CUT OFF CSG	13
CASING SET DEPTH	**441.82**

} COMPARE

GOOD CIRC THRU JOB Yes
Bbls CMT CIRC TO SURFACE 5
RECIPROCATED PIPI No

BUMPED PLUG TO 145

CEMENT USED		CEMENT COMPANY- **BJ Services**
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	200	Class "G"+2%CaCl+.25#sk Cello Flake Mixed@ 15.8ppg W/
		1.17 yield, returned 4bbls to pit.
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Middle First, top of second and third for a total of threed		

COMPANY REPRESENTATIVE **Ryan Crum** DATE **4/25/2010**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	17592	4304740499	UTE TRIBAL 7-29-4-1E	SWNE	29	4S	1E	UINTAH	4/24/2010	4/28/10

WELL 1 COMMENTS: GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301350209	GREATER MON BUTTE B-1-9-16	SWSE	~~1~~ 36	~~9S~~ 8S	16E	DUCHESNE	4/23/2010	4/28/10

GRRV BHL = T9S R16E Sec 1 NWNE

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
A	99999	17593	4304740501	UTE TRIBAL 8-30-4-1E	SENE	30	4S	1E	UINTAH	4/15/2010	4/28/10

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	17594	4301350206	HANCOCK 6-21-4-1	~~SESE~~ SENW	21	4S	1W	DUCHESNE	4/19/2010	4/28/10

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301334172	FEDERAL 12-29-8-16	NWSW	29	8S	16E	DUCHESNE	4/22/2010	4/28/10

WELL 5 COMMENTS: GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301350114	MON BUTTE EAST STATE R-36-8-16	SWSE	36	8S	16E	DUCHESNE	4/22/2010	4/28/10

WELL 5 COMMENTS: GRRV BHL = SESW

ACTION CODES (See instructions on back of form)
A - new entity for new well (single well only)
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C - from one existing entity to another existing entity
D - well from one existing entity to a new entity
E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED
APR 22 2010
DIV. OF OIL, GAS & MINING

Signature: Jentri Park
Production Clerk
04/22/10
Date

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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SIGNATURE Justin Crum DATE 04/29/2010

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MAY 11 2010
DIV. OF OIL, GAS & MINING

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HOLE SIZE **12 1/4"**

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WELL **MON BUTTE EAST R-36-8-16**
FIELD/PROSPECT **Mon. Butte**
CONTRACTOR & RIG # **Ross Rig # 21**

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LESS CUT OFF PIECE	2
PLUS DATUM TO T/CUT OFF CSG	13
CASING SET DEPTH	**441.82**

} COMPARE

GOOD CIRC THRU JOB Yes
Bbls CMT CIRC TO SURFACE 5
RECIPROCATED PIPI No

BUMPED PLUG TO 145

CEMENT USED		CEMENT COMPANY- **BJ Services**
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COMPANY REPRESENTATIVE **Ryan Crum** DATE **4/25/2010**

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DIVISION OF OIL, GAS AND MINING
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MYTON, UT 84052

OPERATOR ACCT. NO. N2695

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WELL 1 COMMENTS: GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301350209	GREATER MON BUTTE B-1-9-16	SWSE	~~1~~ 36	~~9S~~ 8S	16E	DUCHESNE	4/23/2010	4/28/10

GRRV BHL = T9S R16E Sec 1 NWNE

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
A	99999	17593	4304740501	UTE TRIBAL 8-30-4-1E	SENE	30	4S	1E	UINTAH	4/15/2010	4/28/10

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	17594	4301350206	HANCOCK 6-21-4-1	~~SESE~~ SENW	21	4S	1W	DUCHESNE	4/19/2010	4/28/10

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301334172	FEDERAL 12-29-8-16	NWSW	29	8S	16E	DUCHESNE	4/22/2010	4/28/10

WELL 5 COMMENTS: GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301350114	MON BUTTE EAST STATE R-36-8-16	SWSE	36	8S	16E	DUCHESNE	4/22/2010	4/28/10

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RECEIVED
APR 22 2010
DIV. OF OIL, GAS & MINING

Signature: Jentri Park
Production Clerk
04/22/10
Date